

AD-A054 228

CALIFORNIA INST OF TECH PASADENA SEISMOLOGICAL LAB

F/6 8/11

SEISMICITY OF THE SOUTHERN CALIFORNIA REGION 1 JANUARY 1972 TO --ETC(U)

1976 M E FRIEDMAN, J H WHITCOMB, C R ALLEN

UNCLASSIFIED

NL

1 OF 2
AD
A054228





AD A 054228

FOR FURTHER TRAN

151 H

(12)

SECURITY OF THE SOUTHERN CALIFORNIA REGION

1 JANUARY 1972 TO 31 DECEMBER 1974

MARTIN E. FRIEDMAN
JAMES H. WHITCOMB
CLARENCE R. ALLEN
JAMES A. HILMAN

AD 100
100 FILE COPY

DDC
RECEIVED
JAN 22 1975

QY F

This document has been approved
for public use and shall be
distributed as indicated.

SEISMOLOGICAL LABORATORY
CALIFORNIA INSTITUTE OF TECHNOLOGY

DISCLAIMER NOTICE

**THIS DOCUMENT IS BEST QUALITY
PRACTICABLE. THE COPY FURNISHED
TO DDC CONTAINED A SIGNIFICANT
NUMBER OF PAGES WHICH DO NOT
REPRODUCE LEGIBLY.**

⑥
SEISMICITY OF THE SOUTHERN CALIFORNIA REGION

1 JANUARY 1972 TO 31 DECEMBER 1974

⑩

Martin E. /Friedman,

James H. /Whitcomb,

Clarence R. /Allen

James A. /Hileman

⑪

1976

⑫

96p.

Published 1976 by the Seismological Laboratory, California Institute
of Technology, Pasadena, California 91125, with assistance from the
Earthquake Research Affiliates

32¢ 50¢

JOB

Contribution No. 2734, Division of Geological and Planetary Sciences,
California Institute of Technology.

CONTENTS

I.	Introduction.....	1
II.	Station data.....	4
III.	Epicenter maps.....	13
IV.	Errata.....	21
V.	References.....	22
VI.	Earthquake catalog.....	23
	All events.....	A-1
	Events M = 5.0 and greater.....	B-1

FIGURES

Figure 1.	Map of southern California region with major faults.....	3
Figure 2.	Map of stations in the Southern California Seismic Network..	12
Figure 3-9.	Epicenter maps.....	14
Figure 10.	Index maps of quadrangle names.....	24

ACCESSION for	
NTIS	White Section <input checked="" type="checkbox"/>
DDC	Buff Section <input type="checkbox"/>
UNANNOUNCED	<input type="checkbox"/>
<i>on file. for file.</i>	
BY	
DISTRIBUTION/AVAILABILITY CODES	
A	13
CP	
SPECIAL	

I. INTRODUCTION

This listing of earthquakes and epicenter maps is an update to the southern California local earthquake catalog published in Seismicity of the Southern California Region 1 January 1932 to 31 December 1972 by Hileman et al. (1973). Earthquakes in 1972 are relisted here because of numerous additions that resulted from an intensive study of seismicity in the Los Angeles basin. The basic seismological data was obtained from the southern California network of the Seismological Laboratory.

Since 1974, earthquakes have been routinely located using the computer program HYP071 written by Lee and Lahr (1975). A four layered velocity model for southern California determined by Kanamori and Hadley (1975) has been used for the majority of epicenter solutions. Several special studies with epicenter locations included in this listing use a velocity model modified for the specific area considered. Prior to 1974 most of the locations were computed as described in Hileman et al.

The Seismological Laboratory attempts to identify and locate all earthquakes of magnitude 3.0 and greater that occur within the area shown on Figure 1, with the exception that shocks south of the international border within Mexico are systematically located only when they exceed magnitude 4.0. This coverage is felt to be nearly complete. Many shocks of less than magnitude 3.0 are given in this listing, but no claim is made for the statistical homogeneity of these smaller shocks. Every effort has been made to exclude from the listing non-seismic events such as quarry and mine blasts.

The Seismological Laboratory was founded by the Carnegie Institution of Washington in 1927, and management was transferred to the California Institute of Technology in 1936. These organizations themselves initially supported most of the seismographic network operations, although in recent years significant additional assistance of various types has come from the National Science Foundation, U. S. Geological Survey, National Oceanic and Atmospheric Administration, U. S. Navy, U. S. Air Force, California Department of Water Resources, Nuclear Regulatory Commission, Western Oil and Gas Association, and California Division of Mines and Geology. In addition, the Caltech Earthquake Research Affiliates, a group of private sponsors, has contributed markedly to the Laboratory's program since the time of the 1952 Kern County earthquake. A number of agencies have helped in the continuing operation of individual seismographic stations, and these are listed together with the station data that follows.

During the time period of this catalog, the operation of the Southern California Seismic Network, Figure 2, has become a joint effort by the Seismological Laboratory and the U. S. Geological Survey. The latter's main contribution has been the establishment of dense seismic networks to study seismicity in the Mojave desert, Imperial Valley, and Santa Barbara Channel.

Many of the Seismological Laboratory personnel have contributed to the preparation of the data presented in this volume. In particular, John Nordquist, Violet Taylor, Shirley Fisher, and Marla Turner have read most of the records and computed many of the epicenter solutions. We would like to thank the following institutions for their assistance in supplying readings for the epicenter locations: Seismographic Stations, University of California, Berkeley; National Center for Earthquake Research, U. S. Geological Survey.

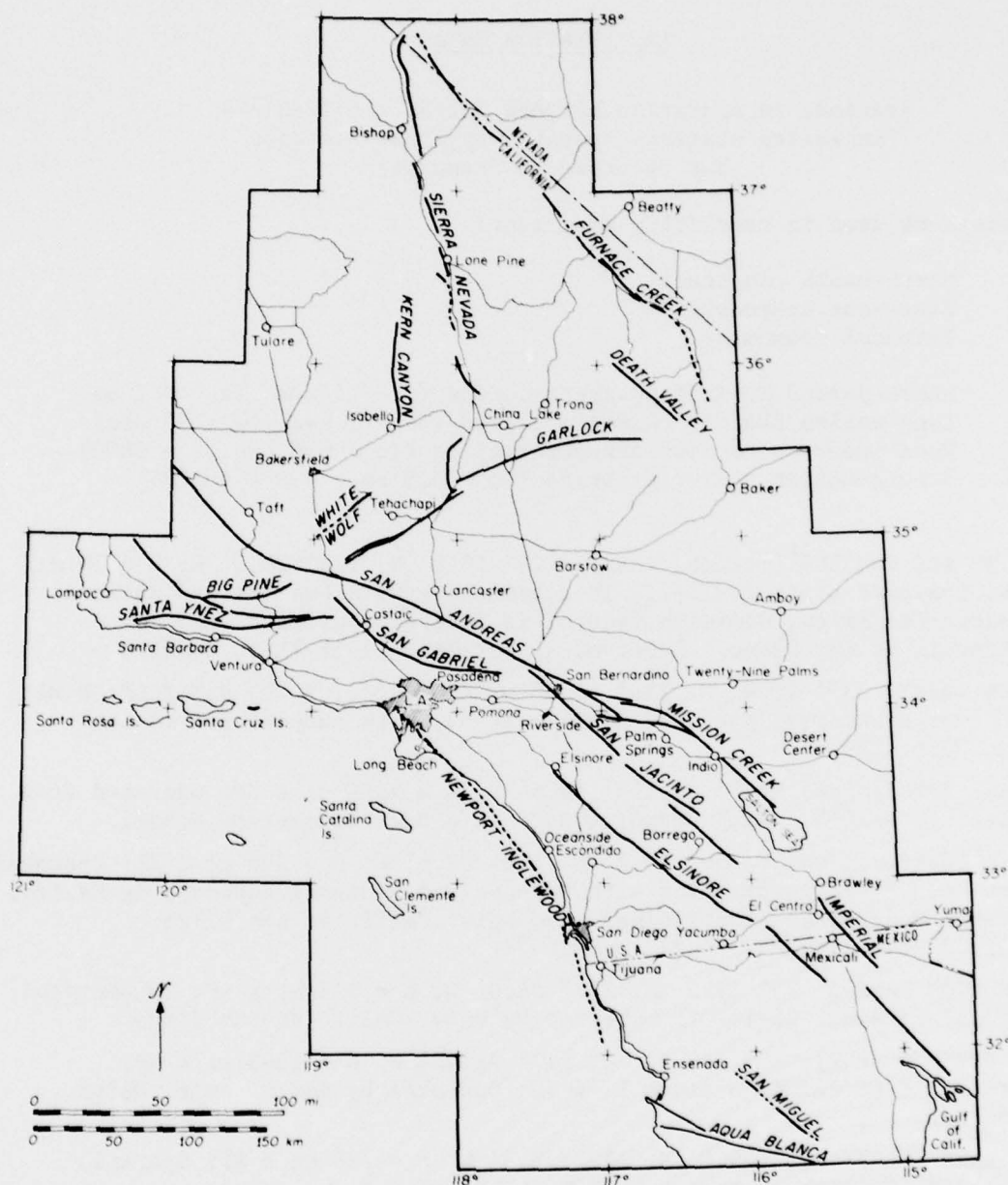


Figure 1.

Base map of southern California region with major faults. The outline encloses the area for which network coverage is believed to be complete for events of magnitude 3.0 and greater (magnitude 4.0 and greater in Mexico).

II. STATION DATA

Stations in operation between 1-1-32 and 12-31-74
(including stations operated by other agencies
but recorded at Pasadena)

Abbreviations used in describing equipment:

N	North-south component
E	East-west component
Z	Vertical component
SP	Short-period Benioff characteristics (To = 1 sec; Tg = 0.2 sec)
LP	Long-period Benioff characteristics (To = 1 sec; Tg = 90 sec)
WA	Wood-Anderson torsion characteristics (To = 0.8 sec; V = 2800)
SM	Strong-motion characteristics (To = 0.8 sec; V = 4 to 125)

BAHIA DE LOS ANGELES* [Mexico] (LAX): 28° 56.8' N, 113° 34.0' W; h = 50 m;
Z SP; Operated since 12-31-71, in cooperation with Universidad Nacional
Autonoma de Mexico, Comision Federal de Electricidad, and Univ. of
California at San Diego. Received at Pasadena 12-31-71 to 8-20-73.

BARRETT (BAR): 32° 40.8' N, 116° 40.3' W; h = 510 m; Z SP; N,E,Z LP: N WA;
Z SM (not standard); Operated since 1-17-52, with cooperation of San
Diego Water Dept.

BIG BEAR (BBC): 34° 14.5' N, 116° 54.5' W; h = 2060 m; Z SP; Operated from
6-21-51 to 9-20-57, with cooperation of Big Bear Elementary School.

CABORCA* [Mexico] (CBR): 30° 43.7' N, 112° 09.6' W; h = 300 m; Z SP; Operated
since 7-30-72 in cooperation with Universidad Nacional Autonoma de Mexico,
Comision Federal de Electricidad, and Univ. Calif. at San Diego.
Received at Pasadena 7-30-72 to 8-31-73.

CAMP ELLIOT (CPE): 32° 52.8' N, 117° 06.0' W; h = 213 m; Z SP; Telemetered
to Pasadena since 11-16-72; Operated by Univ. Calif. at San Diego.

CEDAR SPRINGS (CSP): 34° 17.87' N, 117° 21.45' W; h = 1268 m; Z SP;
Telemetered to Pasadena since 11-4-70; Operated by Calif. Dept. Water
Resources.

CHINA LAKE (CLC): 35° 49.0' N, 117° 35.8' W; h = 766 m; Z SP; Operated
since 7-8-49, with cooperation of U. S. Naval Weapons Center.

COTTONWOOD (CWC): 36° 26.3' N, 118° 04.7' W; h = 1620 m; Z SP; N,E WA;
N,E,Z SM; Operated since 10-13-65, with cooperation of Los Angeles Dept.
Water and Power.

CRESTLINE (CRS): 34° 14.6' N, 117° 15.7' W; h = 1430 m; Z SP; Operated from
5-19-49 to 8-31-50, when destroyed by fire. Replaced by Big Bear.

DALTON (DLT): 34° 10.2' N, 117° 48.6' W; h = 523 m; Z SP; Operated from 7-20-50 to 8-29-59.

EL CENTRO (ECC): 32° 47.9' N, 115° 32.9' W; h = - 15 m; N, E, Z SM; Operated from 11-28-56 to 9-30-70, with cooperation of Imperial Irrigation District.

EL GOLFO*[Mexico] (EGM): 31° 40.7' N, 114° 29.5' W; h = 5 m; Z SP; N,E LP (special); Operated from 4-26-69 to 9-7-70 in cooperation with Universidad Nacional Autonoma de Mexico and Comision Federal de Electricidad.

FORT TEJON (FTC): 34° 52.4' N, 118° 53.6' W; h = 990 m; Z SP; Operated from 11-21-52 to 9-30-70, with cooperation of Calif. Div. Beaches and Parks. Replaced by telemetry from Pyramid.

GLAMIS (GLA): 33° 03.15' N, 114° 49.59' W; h = 627 m; Z SP; Telemetered to Pasadena since 12-20-66; N, E, WA; Telemetered to Pasadena since 2-27-73.

GOLDSTONE (GSC): 35° 18.1' N, 116° 48.3' W; h = 990 m; WSSS equipment, plus Z SP; Operated since 11-7-61, with cooperation of Jet Propulsion Laboratory (Z SP telemetered to Pasadena since 10-12-66).

GUAYMAS*[Mexico] (GYM): 27° 54.6' N, 110° 57.1' W; h = 15 m; Z SP; Operated since 3-19-72 in cooperation with Universidad Nacional Autonoma de Mexico, Comision Federal de Electricidad, and Univ. Calif. at San Diego. Received at Pasadena 3-19-72 to 10-7-23.

HAIWEE (HAI): 36° 08.2' N, 117° 56.8' W; h = 1150 m; Z SP; N,E, WA; N,E,Z SM; Operated from 9-11-29 to 10-27-65, with cooperation of Los Angeles Dept. Water and Power. Replaced by Cottonwood.

HAYFIELD (HAY): 33° 42.50' N, 115° 38.30' W; h = 439; Z SP; Z LP; Operated since 6-20-56, with cooperation of Metropolitan Water District of Southern Calif.

INKOPAH (IKP): 32° 38.93' N, 116° 06.48' W; h = 957 m; Z SP; Telemetered to Pasadena since 11-8-72.

IRON CANYON (IRC): 34° 23.4' N, 118° 24.0' W; h = 580 m; Z SP; Telemetered to Pasadena since 11-1-71.

ISABELLA (ISA): 35° 39.8' N, 118° 28.4' W; h = 835 m; Z SP, N, E WA, plus 2 strain extensometers and 3 ultra-long-period pendulums. Z SP telemetered to Pasadena since 4-5-67. N, E WA telemetered to Pasadena since 4-18-74. Earlier station (Z SP; N WA; N, E SM; Z LP) at nearby dam (35° 38.6' N, 118° 28.7' W; h = 760 m) operated from 1-6-54 to 1-24-57 and 1-14-62 to 4-17-67. Same equipment operated near present site from 2-5-57 to 6-13-62.

KING RANCH (KRC): 35° 19.6' N, 119° 44.7' W; h = 680 m; Z SP; Operated from 10-16-52 to 12-3-65.

LAKEWOOD GOLF COURSE (LGC): 33° 50.15', 118° 09.02' W; h = 17 m; Z SP; Telemetered to Pasadena 7-7-71 to 3-15-74 with cooperation U. S. Geol. Survey.

- LA JOLLA (LJC): 32° 51.8' N, 117° 15.2' W; h = 8 m; Z SP; Operated from 5-4-27 to 7-30-52, with cooperation of Scripps Inst. Oceanography. Replaced by Barrett.
- LA PAZ*[Mexico] (LAP): 24° 09.6' N, 110° 16.8' W; h = 65 m; Z SP; Operated since 8-2-72 in cooperation with Universidad Nacional Autonoma de Mexico; Comision Federal de Electricidad, and Univ. Calif. at San Diego. Received at Pasadena 8-2-72 to 7-19-73.
- LITTLE SKULL MOUNTAIN (LSM): 36° 44.3' N, 116° 16.3' W; h = 1146 m; Z SP; Telemetered to Pasadena 5-31-71 to 10-17-73. Operated by NOAA.
- MOUNT WILSON (MWC): 34° 13.43' N, 118° 03.46' W; h = 1730 m; Z SP; Operated since 4-23-28 (telemetered to Pasadena since 9-25-70).
- PALOMAR (PLM): 33° 21.2' N, 116° 51.7' W; h = 1692 m; Z SP; Operated since 9-7-39 (telemetered to Pasadena since 12-22-66). N WA; N, E, Z SM; N, E, Z WA (long period: To = 6; V = 800) operated since 4-9-74.
- PALOS VERDES (PVR): 33° 45.5' N, 118° 21.4' W; h = 340 m; Z SP; Operated from 3-21-56 to 11-21-62, with cooperation of Palos Verdes Schools.
- PASADENA (PAS): 34° 08.9' N, 118° 10.3' W; h = 295 m; N,E,Z SP; N,E,Z LP; N,E WA; N,E,Z SM; plus strain, Press-Ewing, and experimental instruments; Operated since 3-17-27.
- PERRIS (PEC): 33° 53.5' N; 117° 09.6' W; h = 616 m; Z SP; Telemetered to Pasadena since 11-2-71; Operated by Calif. Dept. Water Resources. Earlier station nearby, PERRIS (PRR): 33° 46.8' N, 117° 14.0' W; h = 430 m; Z SP; Operated from 3-1-50 to 9-11-51.
- PYRAMID (PYR): 34° 34.1' N, 118° 44.5' W; h = 1247 m; Z SP; Telemetered to Pasadena since 11-3-70; Operated by Calif. Dept. Water Resources.
- RANCHO SAN JOSE*[Mexico] (RSJ): 30° 58.4' N, 115° 44.7' W; h = 650 m; Z SP; Operated intermittently since 8-9-71 in cooperation with Univ. Calif. at San Diego. Received at Pasadena 8-9-71 to 8-19-73.
- RIO HARDY*[Mexico] (RHM): 32° 08.5' N, 115° 17.0' W; h = 20 m; Z SP; Operated since 2-16-69, in cooperation with Universidad Nacional Autonoma de Mexico and Comision Federal de Electricidad. Received at Pasadena 2-16-69 to 9-4-73.
- RIVERSIDE (RVR): 33° 59.6' N, 117° 22.5' W; h = 260 m; Z SP; N,E,Z LP; N,E WA; N,E,Z SM; Operated since 10-19-26, with cooperation of City of Riverside. Z SP; Telemetered to Pasadena since 10-4-73.
- SADDLEBACK BUTTE (SBB): 34° 41.3' N, 117° 49.5' W; h = 832 m; Z SP Telemetered to Pasadena since 1-3-74. Z LP telemetered since 1-28-74. N, E SP telemetered since 5-12-75.
- SAN CLEMENTE ISLAND (SCI): 32° 58.8' N, 118° 32.8' W; h = 219 m; Telemetered to Pasadena from 7-27-67 to 10-17-68 and since 11-11-71.
- SAN FELIPE*[Mexico] (SFP): 31° 01.9' N, 114° 49.8' W; h = 4 m; Z SP; N,E LP (Special); Operated since 4-26-69, in cooperation with Universidad Nacional Autonoma de Mexico and Comision Federal de Electricidad. Received at Pasadena 4-26-69 to 1-13-73.
- SAN JOAQUIN RESERVOIR (SJQ): 33° 37.2' N, 117° 50.7' W; h = 165 m; Z SP; Telemetered to Pasadena since 7-7-71, with cooperation of U. S. Geol. Survey.

- SAN NICOLAS (SNC): 33° 14.9' N, 119° 31.4' W; h = 275 m; Z SP; Z LP; E WA;
Operated from 7-24-57 to 1-24-68, with cooperation of U. S. Navy.
Replaced by San Clemente Island.
- SAN PEDRO HILL (SPH): 33° 44.8' N, 118° 20.08' W; h = 445 m; Z SP;
Telemetered to Pasadena 7-7-71 to 3-15-74 with cooperation U. S. Geol.
Survey.
- SANTA BARBARA (SBC): 34° 26.5' N, 119° 42.8' W; h = 90 m; Z SP; N,E WA;
N,E,Z SM; Operated since 5-10-27, with cooperation of Santa Barbara
Museum of Natural History.
- SANTA CATALINA ISLAND (CIS): 33° 24.4' N, 118° 24.2' W; h = 485 m; Z SP;
Telemetered to Pasadena since 7-1-71, with cooperation of U. S. Geol.
Survey.
- SANTA YNEZ PEAK (SYP): 34° 31.6' N, 119° 58.7' W; h = 1305 m; Z SP;
Telemetered to Pasadena since 6-7-67.
- SAWMILL (SWM): 34° 43.1' N, 118° 34.9' W; h = 1220 m; Z SP; Operated from
3-7-66 to 12-8-70. Z SP; E SM; N, E WA; Reactivated 2-9-73.
- STONE CANYON RESERVOIR (SCY): 34° 06.37' N, 118° 27.25' W; h = 287 m; Z SP;
Telemetered to Pasadena since 9-16-71, with cooperation of U. S. Geol.
Survey.
- TINEMAHA (TIN): 37° 03.3' N, 118° 13.7' W; h = 1195 m; Z SP; N,E,Z LP;
N,E WA; Operated since 9-4-29, with cooperation of Los Angeles Dept.
Water and Power (Z SP telemetered to Pasadena 7-7-72 to 3-21-74; N, E, WA;
telemetered to Pasadena 9-6-72 to 3-21-74).
- TOPOLOBAMPO* [Mexico] (TPB): 25° 35.8' N, 109° 03.2' W; h = 25 m; Z SP;
Operated since 8-8-72 in cooperation with Universidad Nacional Autonoma
de Mexico, Comision Federal de Electricidad, and Univ. Calif. at San Diego.
Received at Pasadena 8-8-72 to 8-20-73.
- TURNBULL CANYON (TCC): 33° 59.67' N, 118° 00.77' W; h = 299 m; Z SP;
Telemetered to Pasadena since 7-7-71 with cooperation of U. S. Geol. Survey.
- TWENTYNINE PALMS (TPC): 34° 06.35' N, 116° 02.92' W; h = 720 m; Z SP;
Telemetered to Pasadena since 5-5-72; Operated with cooperation of
National Park Service.
- TWIN LAKES (TWL): 34° 16.7' N, 118° 35.67' W; h = 390 m; Z SP; Telemetered
to Pasadena since 11-1-71. N, E, Z LP; Telemetered to Pasadena since 2-12-74.
- VILLA PARK DAM (VPD): 33° 48.96' N, 117° 45.73' W; h = 183 m; Z SP;
Telemetered to Pasadena since 7-7-71, with cooperation of U. S. Geol. Survey.
N, E, Z LP; Telemetered to Pasadena since 5-6-74.
- WOODY (WDY): 35° 42.0' N, 118° 50.6' W; h = 500 m; Z SP; E WA; Operated from
8-5-52 to 8-27-70, with cooperation of Kern County Forestry and Fire Dept.

* since September, 1973, all Mexican stations have been operated by the
Centro de Investigaciones Cientificas y Educacion Superior de Ensenada,
Baja California

Mojave Net:

BIG CHUCKWALLA MTS (BCM): 33° 39.32' N, 115° 26.88' W; h = 1135 m; Z SP telemetered to Pasadena 4-74 to 11-74.

BIG CHUCKWALLA MTS NO. 2 (BC2): 33° 39.42' N, 115° 27.67' W; h = 1185 m; Z SP telemetered to Pasadena since 11-74.

BIGHORN MTN (BHM): 34° 16.73' N, 116° 36.91' W; h = 1850 m; Z, N SP telemetered to Pasadena 4-74 to 11-74.

BIG MARIA MTS (BMM): 33° 45.40' N, 114° 35.14' W; h = 564 m; Z SP telemetered to Pasadena since 4-74.

BLACK PEAK (BPK): 34° 07.48' N, 114° 12.58' W; h = 504 m; Z SP telemetered to Pasadena since 4-74.

COPPER MTN (CPM): 34° 09.24' N, 116° 11.80' W; h = 937 m; Z SP telemetered to Pasadena since 6-74.

COXCOMB MTS (COX): 33° 52.35' N, 115° 19.68' W; h = 884 m; Z, N SP telemetered to Pasadena 4-74 to 11-74.

COXCOMB MTS NO. 2 (CO2): 33° 50.83' N, 115° 20.68' W; h = 276 m; Z SP telemetered to Pasadena since 11-74.

GRANITE PASS (GRP): 34° 48.26' N, 115° 36.27' W; h = 1238 m; Z SP telemetered to Pasadena since 4-74.

HIDALGO MTN (HDG): 34° 25.73' N, 116° 18.30' W; h = 1347 m; Z SP telemetered to Pasadena since 4-74.

INSPIRATION (INS): 33° 56.14' N, 116° 11.66' W; h = 1700 m; Z, N SP telemetered to Pasadena since 4-74.

IRON MTS (IRN): 34° 09.60' N, 115° 11.04' W; h = 980 m; Z SP telemetered to Pasadena since 9-74.

LEAD MTN (LED): 34° 28.06' N, 115° 56.19' W; h = 853 m; Z SP telemetered to Pasadena since 4-74.

LITTLE CHUCKWALLA MTS (LTC): 33° 29.34' N, 115° 04.20' W; h = 458 m; Z SP telemetered to Pasadena since 4-74.

LITTLE MARIA MTS (LTM): 33° 54.90' N, 114° 55.10' W; h = 744 m; Z SP telemetered to Pasadena since 4-74.

PINTO MTS (PNM): 33° 58.34' N, 115° 48.05' W; h = 1147 m; Z SP telemetered to Pasadena since 4-74.

PIUTE MTS (PIU): 34° 44.42' N, 115° 05.64' W; h = 1206 m; Z SP telemetered to Pasadena since 4-74.

RIMROCK (RMR): 34° 12.77' N, 116° 34.52' W; h = 1702 m; Z SP telemetered to Pasadena since 11-74.

RIVERSIDE MTS (RVS): 34° 02.08' N, 114° 31.08' W; h = 677 m; Z SP telemetered to Pasadena since 4-74.

SHEEPHOLE MTS (SHH): 34° 11.26' N, 115° 39.27' W; h = 1122 m; Z SP telemetered to Pasadena since 4-74.

SHIP MTS (SPM): 34° 28.32' N, 115° 24.16' W; h = 915 m; Z SP telemetered to Pasadena since 4-74; N SP telemetered 4-74 to 11-74.

TURTLE MTS (TTM): 34° 20.12' N, 114° 49.65' W; h = 1098 m; Z SP telemetered to Pasadena since 4-74; N SP telemetered 4-74 to 11-74.

WHIPPLE MTS (WHP): 34° 18.42' N, 114° 29.75' W; h = 606 m; Z SP telemetered to Pasadena 4-74 to 10-74.

WHIPPLE MTS NO. 2 (WH2): 34° 18.87' N, 114° 24.55' W; h = 1245 m; Z SP telemetered to Pasadena since 10-74.

EAGLE MTN (EAG): 33° 50.94' N, 115° 28.39' W; h = 366 m; Z SP telemetered to Pasadena since 11-74.

DEVIL CANYON (DVL): 34° 12.02' N, 117° 19.71' W; h = 598 m; Z SP telemetered to Pasadena since 12-74.

MILL CREEK (MLL): 34° 05.48' N, 116° 56.18' W; h = 1513 m; Z SP telemetered to Pasadena since 12-74.

Imperial Valley Net:

AMOS (AMS): 33° 08.48' N, 115° 15.25' W; h = 146 m; Z SP telemetered to Pasadena since 3-73.

BONDS CORNER (BON): 32° 41.67' N, 115° 16.11' W; h = 14 m; Z SP telemetered to Pasadena since 3-73.

BROCKS FARM (BCK): 32° 43.49' N, 115° 02.64' W; h = 43 m; Z SP telemetered to Pasadena since 3-73.

CARRIZO (CRR): 32° 53.18' N, 115° 58.10' W; h = 82 m; Z SP telemetered to Pasadena since 3-73.

CHOCOLATE MTS (COT): 33° 18.29' N, 115° 21.20' W; h = 293 m; Z SP telemetered to Pasadena since 3-73.

COACHELLA (COA): 32° 51.01' N, 115° 07.36' W; h = 35 m; Z SP telemetered to Pasadena since 3-73.

COOK RANCH (COK): 32° 50.95' N, 115° 43.61' W; h = -15 m; Z SP telemetered to Pasadena since 4-73.

INGRAM RANCH (ING): 32° 59.30' N, 115° 18.61' W; h = 2 m; Z SP telemetered to Pasadena since 3-73.

OBSIDIAN BUTTE (OBB): 33° 10.04' N, 115° 38.20' W; h = -61 m; Z SP telemetered to Pasadena since 4-73.

PILOT KNOB (PLT): 32° 43.87' N, 114° 43.76' W; h = 61 m; Z SP telemetered to Pasadena since 3-73.

RUTHVEN (RUN): 32° 58.33' N, 114° 58.63' W; h = 151 m; Z SP telemetered to Pasadena since 3-73.

SIGNAL MTN (SGL): 32° 38.95' N, 115° 43.92' W; h = 104 m; Z SP telemetered to Pasadena since 3-73.

SAN LUIS (SLU): 32° 30.10' N, 114° 46.64' W; h = 41 m; Z SP telemetered to Pasadena since 3-73.

SCHAFFNER RANCH (SNR): 32° 51.71' N, 115° 26.21' W; h = -29 m; Z SP telemetered to Pasadena since 3-73.

SUPERSTITION MTN (SUP): 32° 57.31' N, 115° 49.43' W; h = 221 m; Z SP telemetered to Pasadena since 3-73.

WIEST LAKE (WLK): 33° 03.08' N, 115° 29.44' W; h = -44 m; Z SP telemetered to Pasadena since 3-73.

IMPERIAL VALLEY HOSPITAL (HSP): 32° 44.81' N, 115° 33.71' W; h = -6 m; Z SP telemetered to Pasadena since 1-74.

KUBBER RANCH (KUB): 32° 41.21' N, 115° 34.86' W; Z SP telemetered to Pasadena 1-74 to 1-75.

CEMETARY (CEM): 32° 42.96' N, 115° 30.07' W; Z SP telemetered to Pasadena 1-74 to 1-75.

Santa Barbara and Point Mugu Nets: These stations are recorded at the National Earthquake Research Center, Menlo Park, California. Arrival times are occasionally used by the Seismological Laboratory for epicenter determination.

ANACAPA IS (SBAI): 34° 00.80' N, 119° 26.23' W; h = 113 m

COLSON CANYON (SBCC): 34° 56.48' N, 120° 10.32' W; h = 610 m

CASITAS DAM (SBCE): 34° 22.12' N, 119° 20.16' W; h = 213 m

LA CUMBRE PEAK (SBLP): 34° 29.79' N, 119° 42.81' W; h = 1190

LAGUNA PEAK (SBLG): 34° 06.57' N, 119° 03.85' W; h = 415
LOMPOC (SBLP): 34° 33.62' N, 120° 24.03' W; h = 134 m
SANTA CRUZ IS (SBSC): 33° 59.68' N, 119° 37.99' W; h = 457
SAN MIGUEL IS (SBSM): 34° 02.25' N, 120° 20.99' W; h = 172 m
SAN NICOLAS IS (SBSN): 33° 14.70' N, 119° 30.40' W; h = 259 m
SADDLE PEAK (SAD): 34° 04.87' N, 118° 39.9' W
CAMARILLO HILLS (CAM): 34° 15.27' N, 119° 02.00' W
CANEJO PEAK (CJP): 34° 10.92' N, 118° 59.19' W
CLARKS PEAK (CLP): 34° 05.33' N, 118° 57.85' W
EGG RANCH (EGG): 34° 07.95' N, 119° 08.82' W
KEY POINT (KYP): 34° 06.11' N, 118° 52.77' W
OCEAN BOTTOM (OCB): 34° 02.20' N, 119° 01.01' W
POINT DUME (PTD): 34° 00.25' N, 118° 48.38' W
SIMI PEAK (SIP): 34° 12.25' N, 118° 47.92' W
SULFUR RIDGE (SUF): 34° 24.58' N, 119° 12.15' W
ECHO FALLS (ECF): 34° 27.48' N, 119° 05.44' W

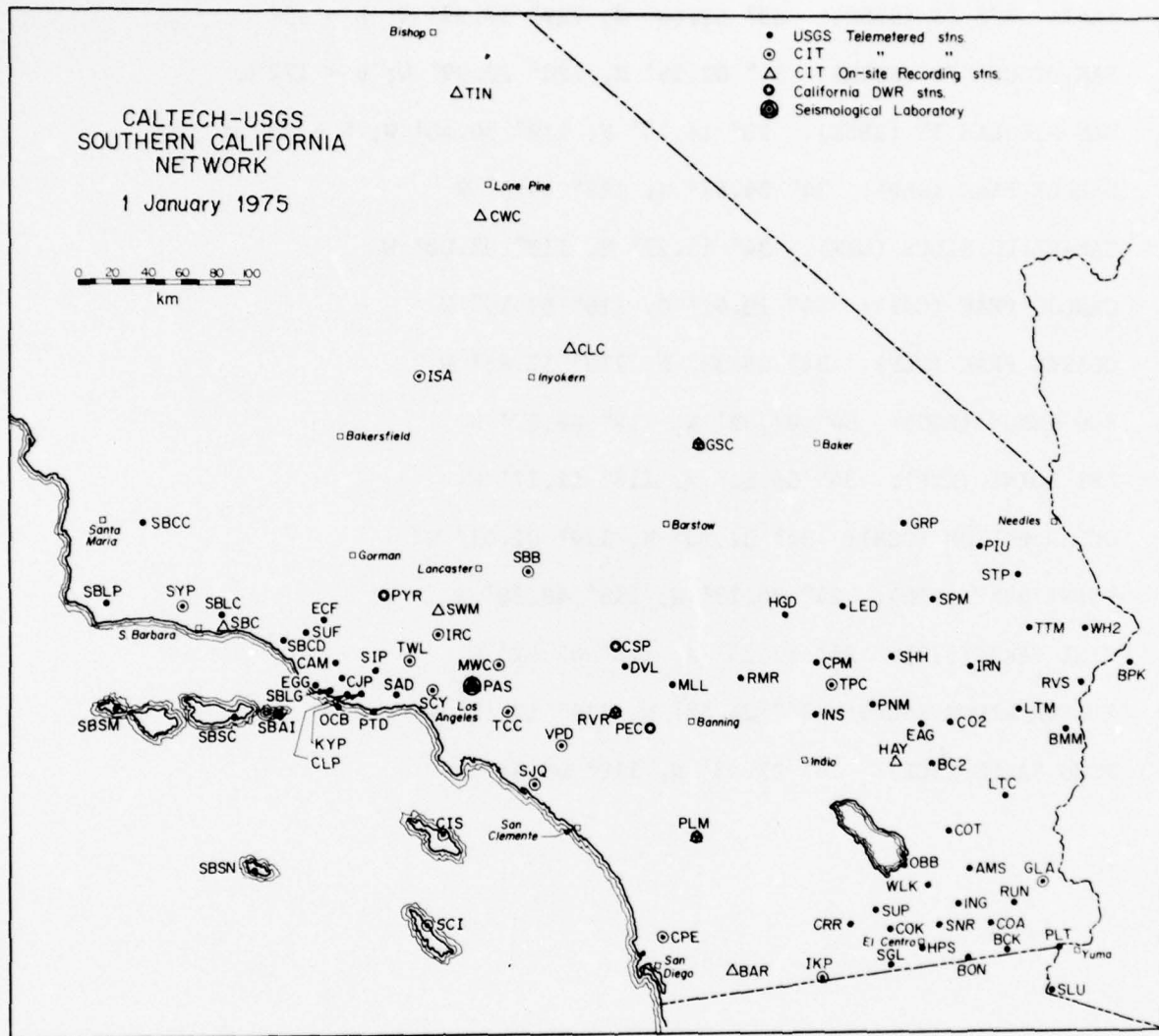


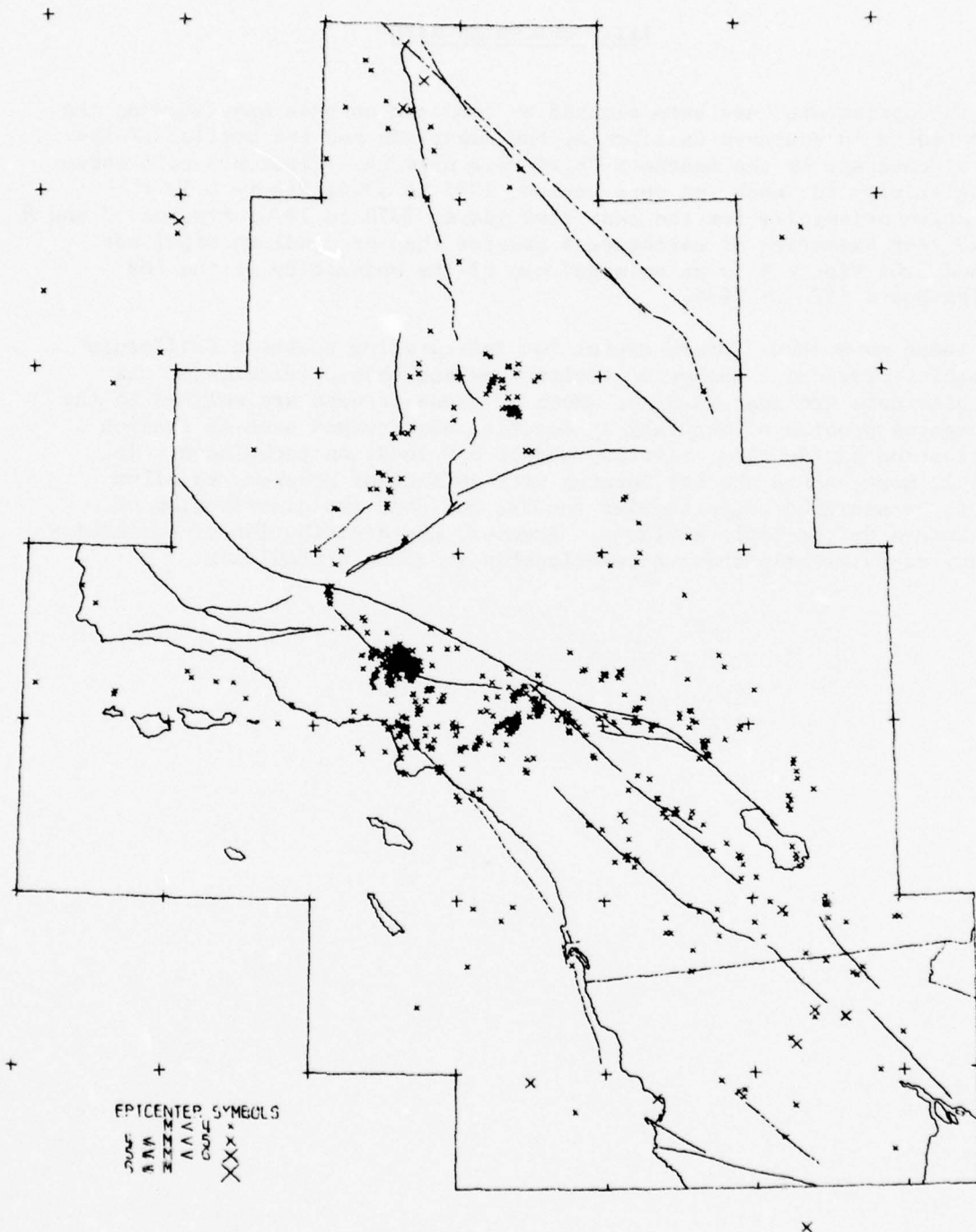
Figure 2

Southern California Seismic Network

III. EPICENTER MAPS

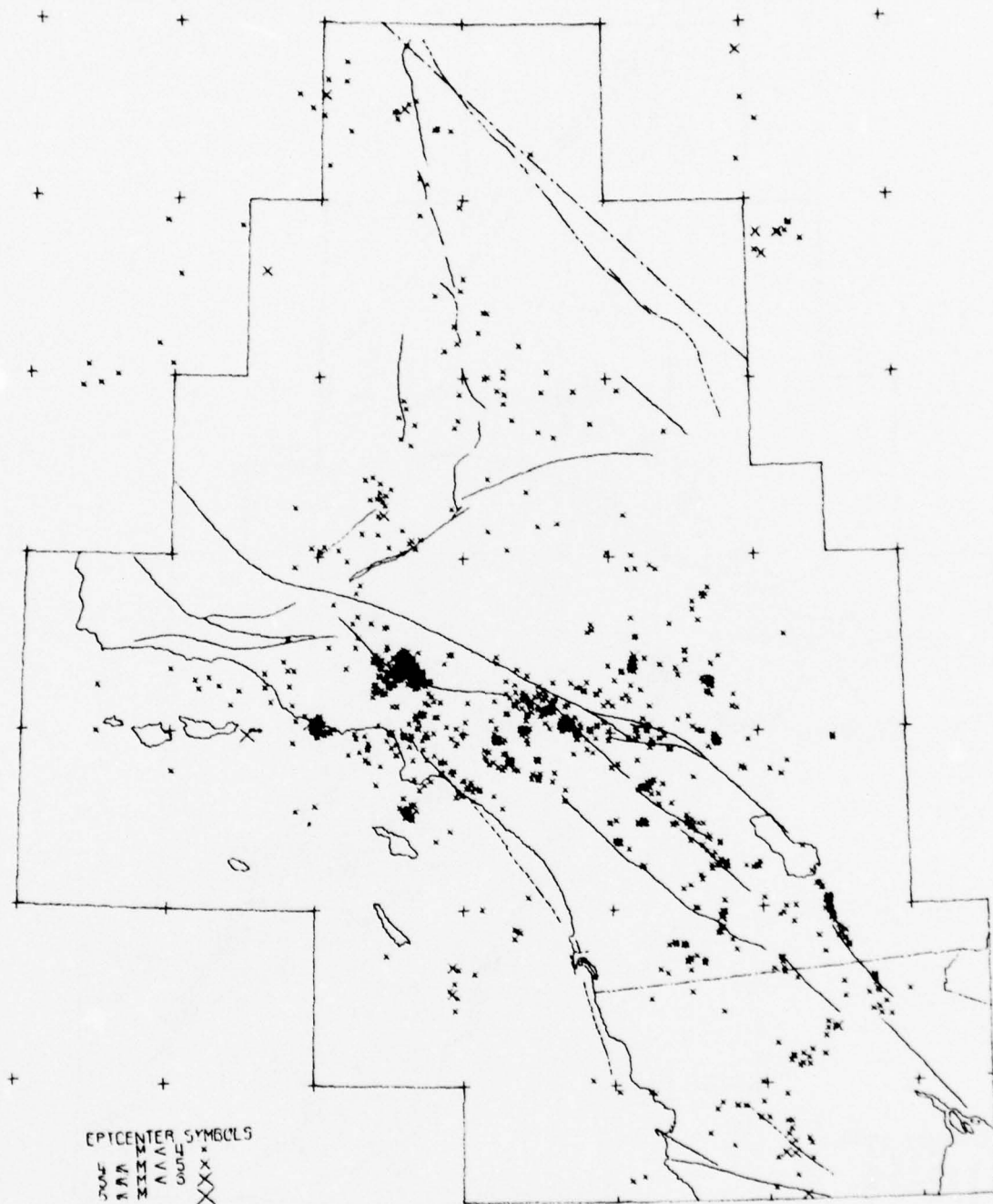
The epicenters have been plotted by computer on base maps showing the major faults in southern California, the coastline and the outline of the area of coverage by the Southern California network. Figures 3 to 5 shows the seismicity for each one year period, 1972 to 1974; Figure 6 is the cumulative seismicity for the past five years, 1970 to 1974; Figures 7 and 8 are 43 year summaries of earthquakes greater than or equal to magnitude 4.0 and 5.0; Figure 9 is an enlarged map of the seismicity of the Los Angeles basin 1970 to 1974.

These maps should prove useful for interpreting southern California seismicity provided a number of limitations and characteristics of the epicenter data are kept in mind. Most of these effects are related to the fundamental problem of accuracy in locating earthquakes such as station distribution and density, velocity models and location techniques. In general, most events are not located with sufficient accuracy to allow them to be assigned to particular faults, nor does the distribution of hypocenters define fault surfaces. However, the distribution of seismicity in many cases clearly shows a relationship to zones of faulting.



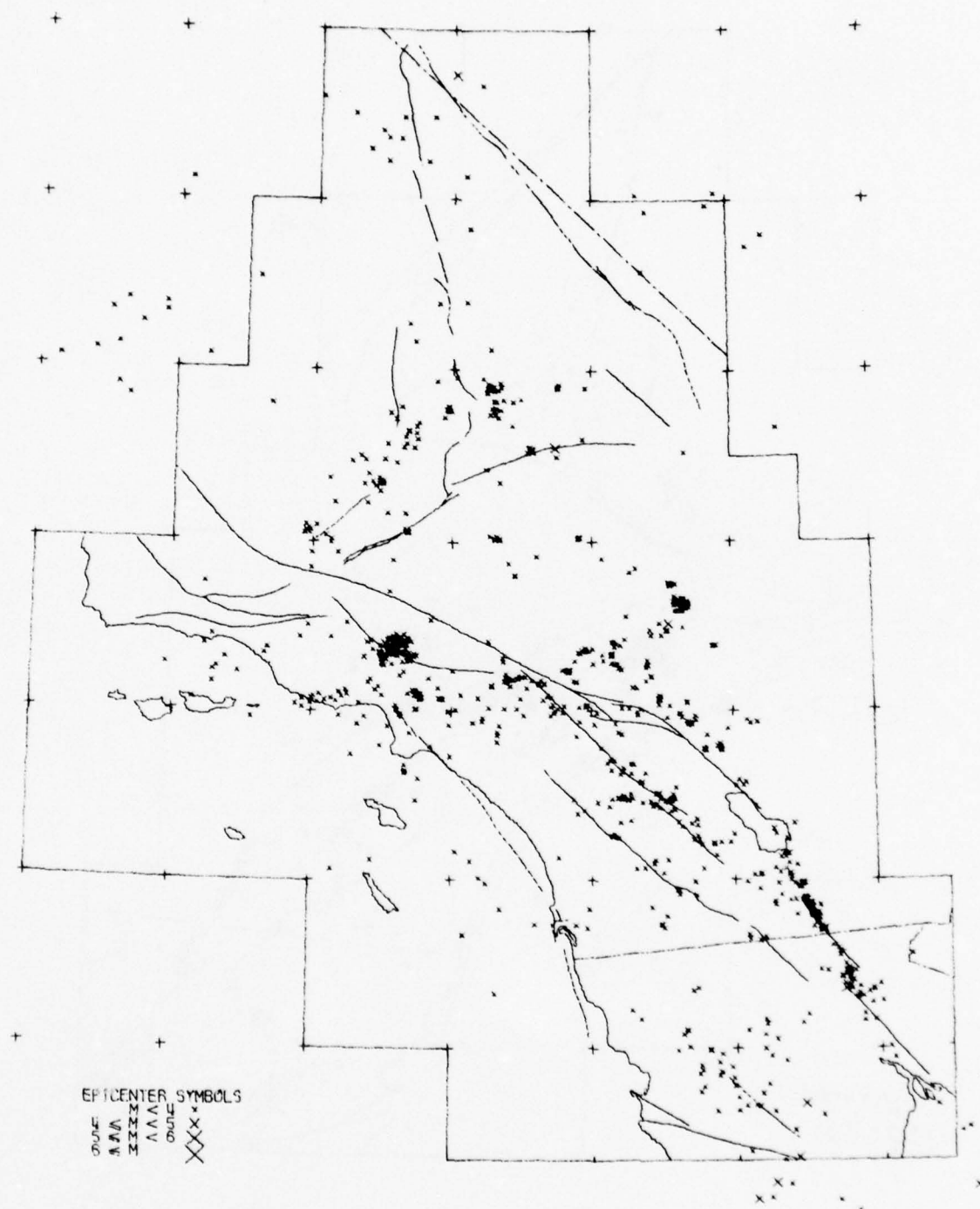
1972 ALL EVENTS

Figure 3



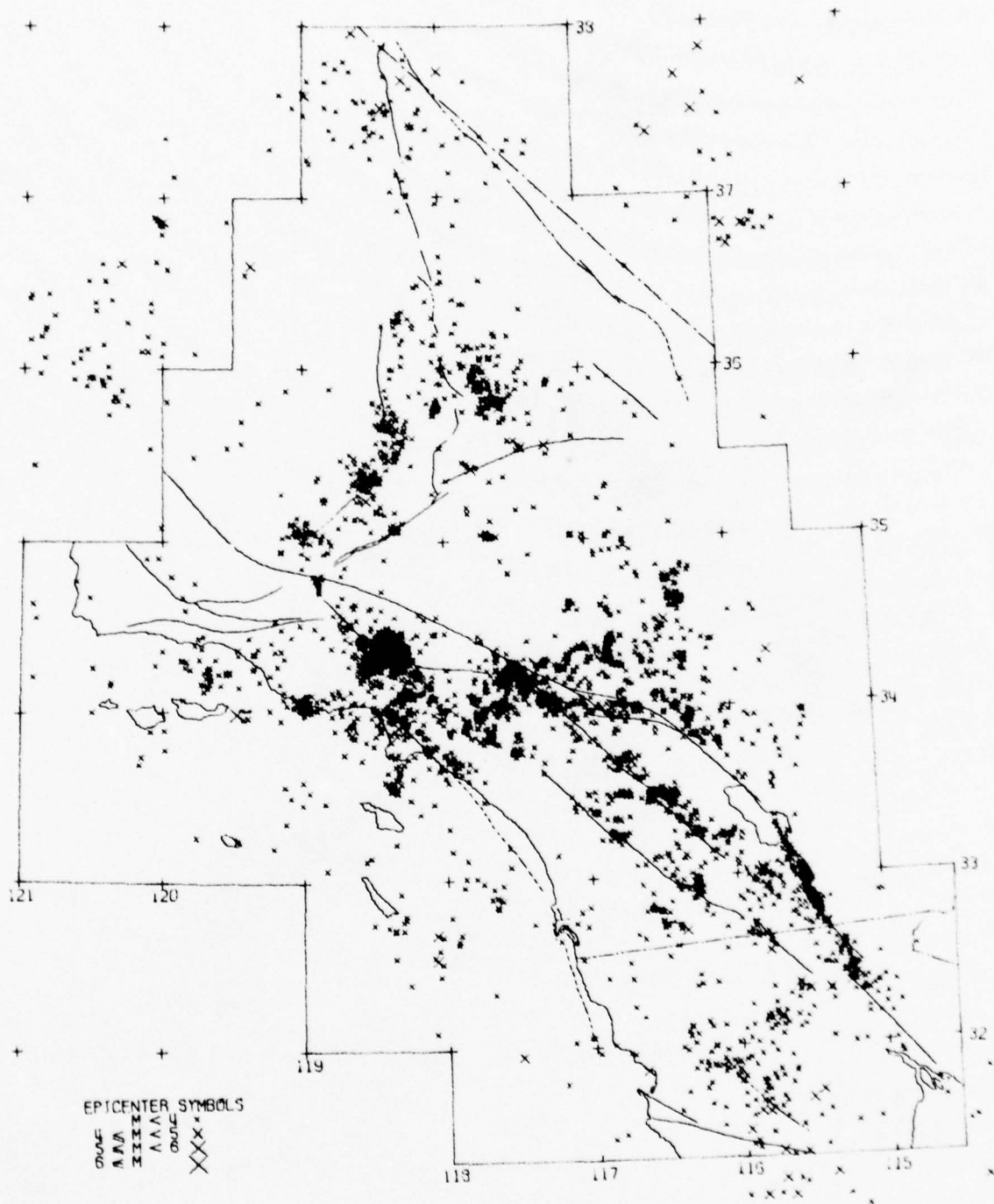
1973 ALL EVENTS

Figure 4



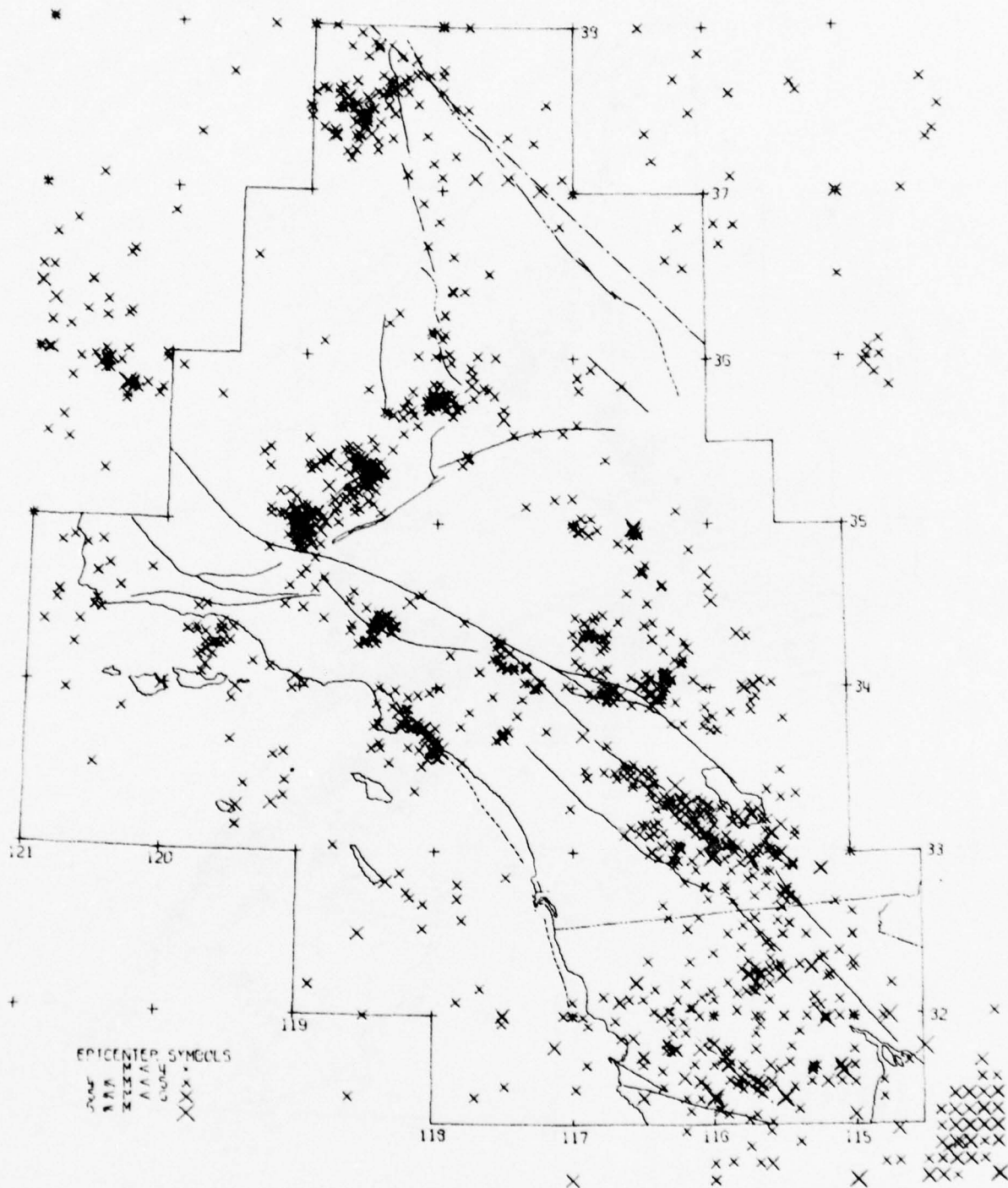
1974 ALL EVENTS

Figure 5



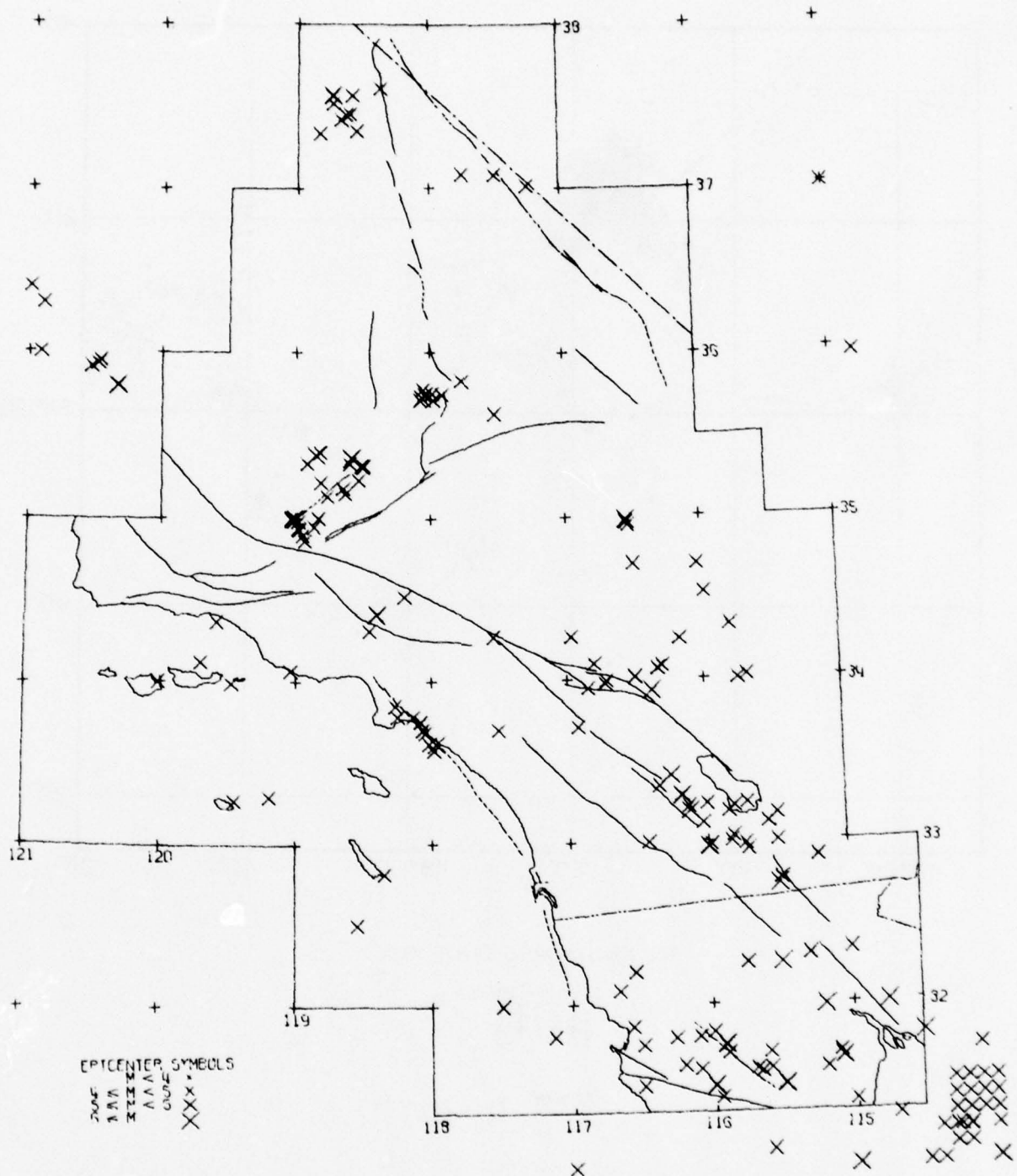
ALL EVENTS 1970 - 1974

Figure 6



1932 THROUGH 1974 ALL EVENTS EQUAL OR GREATER THAN MAGNITUDE 4

Figure 7



1932 THROUGH 1974 ALL EVENTS EQUAL OR GREATER THAN MAGNITUDE 5

Figure 8

IV. ERRATA

The following are corrections to Seismicity of the Southern California Region 1 January 1932 to 31 December 1972 by Hileman et al. (1972).

- p. 6; SAN NICOLAS (SNC) 33° 58.8' N should read 33° 14.9' N
- p. 7; WOODY (WDY) 34° 42.0' N should read 35° 42.0' N; Operated from 8-5-52 to 8-27-50 should read to 8-27-70
- p. 11; Map should include 1941 Casa Diablo Mountain earthquake (mag. 6.0), coordinates 37° 34.0' N 118° 44.0' W
- p. 80; Quadrangle 34° 00' N 119° 30' W Santa Cruz (NW) should read Santa Cruz (NE)
 Quadrangle 34° 30' N 119° 15' W Peyes Peak should read Reyes Peak
 This error is repeated throughout catalog.

Events missing or incorrect:

PAGE	YEAR	MO	DA	H	M	S	LAT-N	LONG-W	Q	MAG	DEP	S	QUADRANGLE
A-3	1932	3	31	18	42	10.0	34 50.0	116 20.0	D	2.5	0.0		CADY MTNS
A-17	1933	12	8	4	37	0.0	32 30.0	115 36.0	D	4.0	0.0		HEBER
A-380	1971	6	22	9	53	59.2	34 37.0	118 20.3	C	2.5	2.0		SAN FERNANDO
A-384	1971	9	30	22	46		FELT IMPERIAL AND COACHELLA VALLEYS						
B-6	1971	9	30	22	46	11.3	33 02.0	115 49.2	B	5.1	8.0	R	KANE SPRINGS

V. REFERENCES

- Hileman, J. A., C. A. Allen, and J. M. Nordquist (1973). Seismicity of the Southern California Region 1 January 1932 to 31 December 1972, Contribution No. 2385, Division of Geological and Planetary Sciences, California Institute of Technology.
- Kanamori, H., and D. Hadley (1975). Crustal structure and temporal velocity change in southern California, Pure Appl. Geophys., 113, 257-380.
- Lee, W. H. K., and J. C. Lahr (1975). HYP071 (Revised), USGS Open File Report 75-311.

VI. EARTHQUAKE CATALOG

The catalog of earthquakes that follows is divided into two parts. The first part, pages A-1 to A-63 is a chronological listing of all earthquakes that occurred in southern California between 1 January 1972 and 31 December 1974. The second part, page B-1, is the same catalog limited to events 5.0 and greater. In using this catalog readers should note the following column-heading explanations:

DA H M S: These columns give the date, hour, minute, and second of the origin time of the earthquake, in Greenwich Civil Time (GCT). Pacific Standard Time can be obtained by subtracting 8 hours from the given time, Pacific Daylight time by subtracting 7 hours. Note that this may change the date.

LAT N LONG W: Latitude and longitude of the epicenter, in degrees, minutes, and decimal parts of minutes.

Q: Quality of the epicentral determination, which varies depending on how well the earthquake was recorded and where it occurred relative to network stations.

- A = specially investigated (usually with portable seismographs)
- B = epicenter probably within 5 km, origin time to nearest second
- C = epicenter probably within 15 km, origin time to a few seconds
- D = epicenter not known within 15 km, rough location

MAG: Magnitude (M_L) determined by average of magnitude determinations from Wood-Anderson seismographs at some or all of the following stations: BAR, CWC, GLA, PAS, RVR, SBC, SWM, TIN. For earthquakes in some parts of the region, supplementary magnitude data have been obtained from calibrated vertical instruments.

DEPTH: Depth in kilometers (+ is down). An asterisk (*) in this column indicates that the hypocenter solution was at -2.0 km or above. Where an R appears in the following column, the depth was restricted to the figure given. Generally, depth can not be computed to the same accuracy as the epicenter because there is often little control on this parameter in the computer solution.

S: Source

- No entry = Caltech solution
- B = University of California, Berkeley
- E = ESSA (USCGS, NOAA)
- G = USGS
- R = Caltech computer solution in which focal depth was restricted to that given in previous column.

QUADRANGLE: This is the 15' USGS quadrangle map sheet in which the epicenter lies, the name usually having been derived from the most prominent geographical feature of the area. In Mexico, names have arbitrarily been assigned to 30' quadrangles, and names for all quadrangles within the entire region (including offshore) are given on the four index maps that follow (Figs. 65a,b,c,d).

COMMENTS: Comments generally refer to felt earthquakes, and information results either from telephone calls to the Laboratory or from the NOAA (ESSA, USCGS) published reports. Roman numerals are intensities on the Modified Mercalli scale of 1931.

SYMBOLS ON RIGHT MARGIN:

M = Mexico

A = Arizona

N = Nevada

* = California, but outside of area for which Caltech locates earthquakes on a routine basis (i.e., outside of the heavy line on Fig. 1).

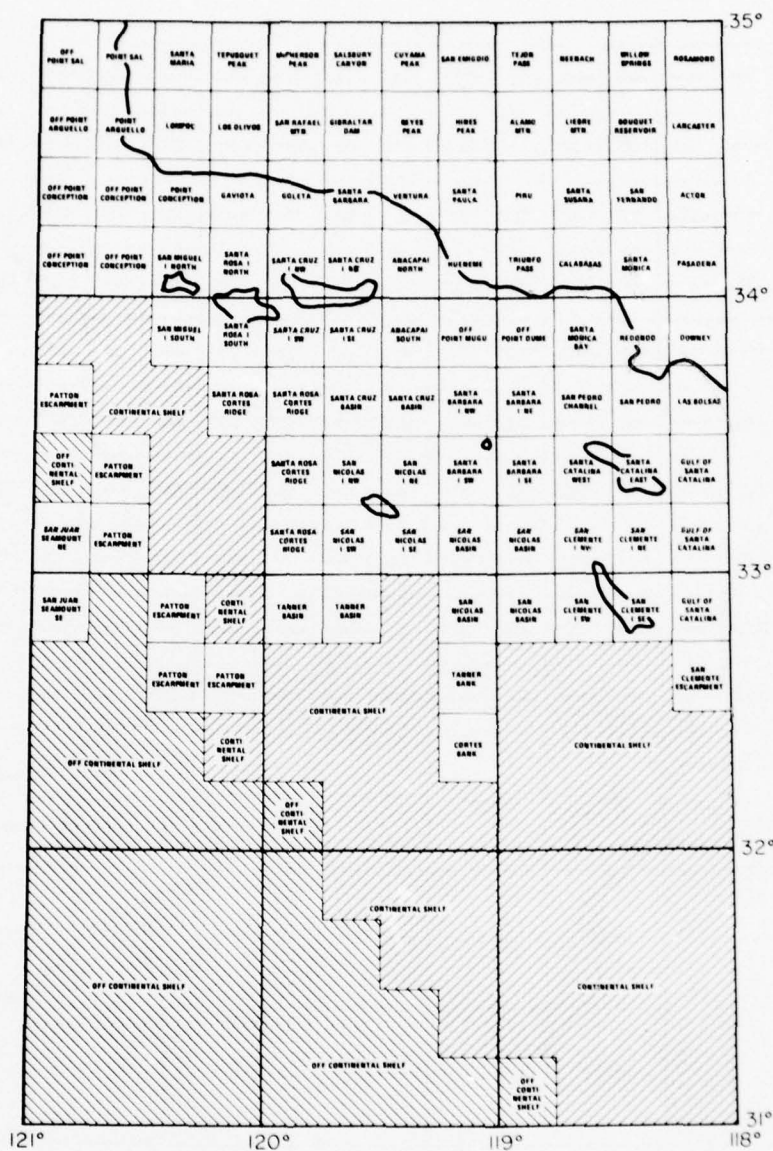


Figure 10a. Index map of quadrangle names used in the catalog listing of epicenter locations. Heavy lines are coastlines or geographical boundaries. The names correspond to the usage of the USGS topographic map 15-minute series, wherever possible. Quadrangle names have been assigned arbitrarily in Mexico.

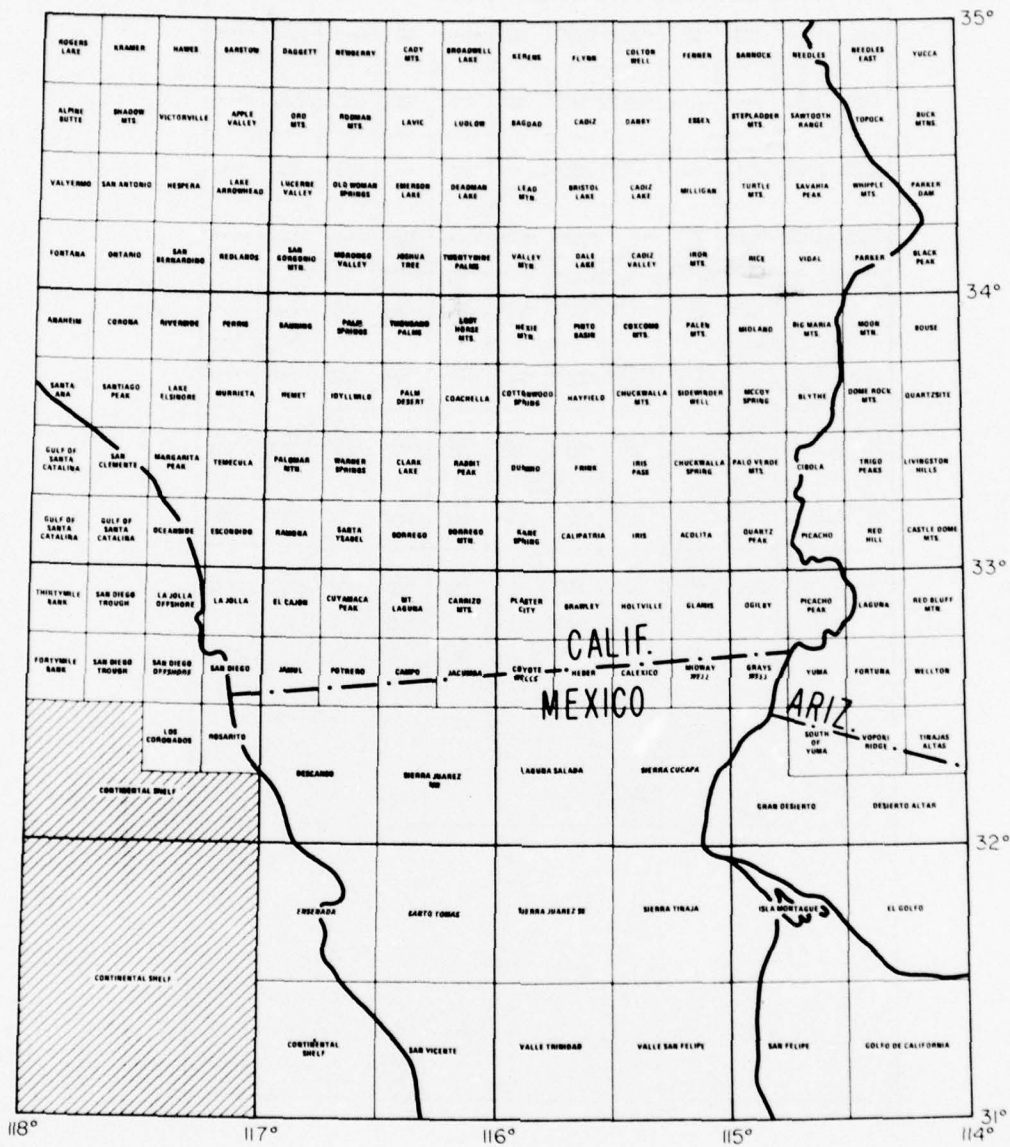


Figure 10b. Index map of quadrangle names as in Figure 10a.

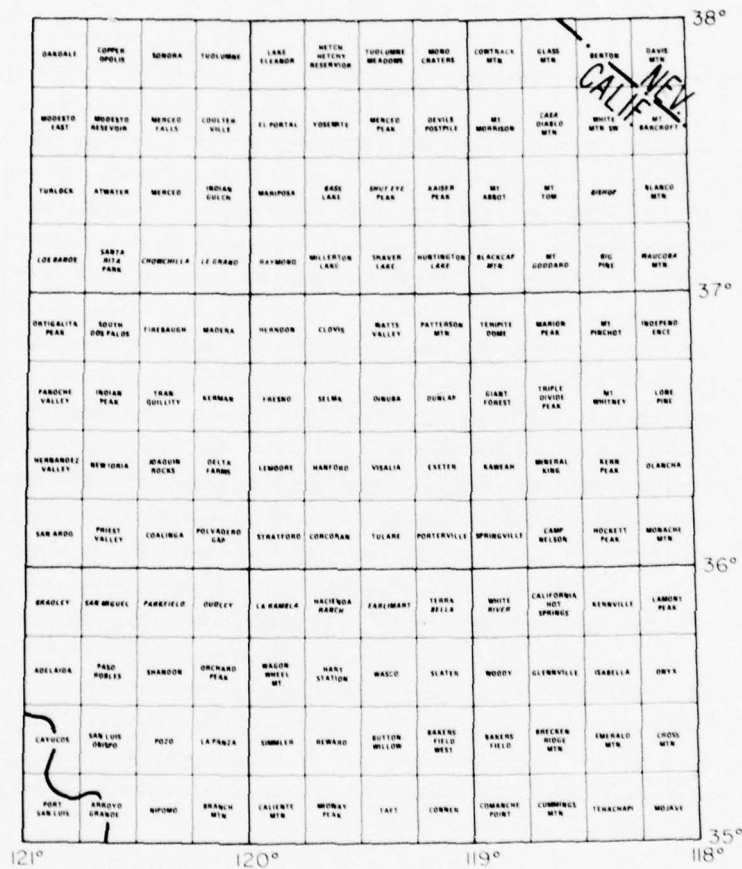


Figure 10c. Index map of quadrangle names as in Figure 10a.

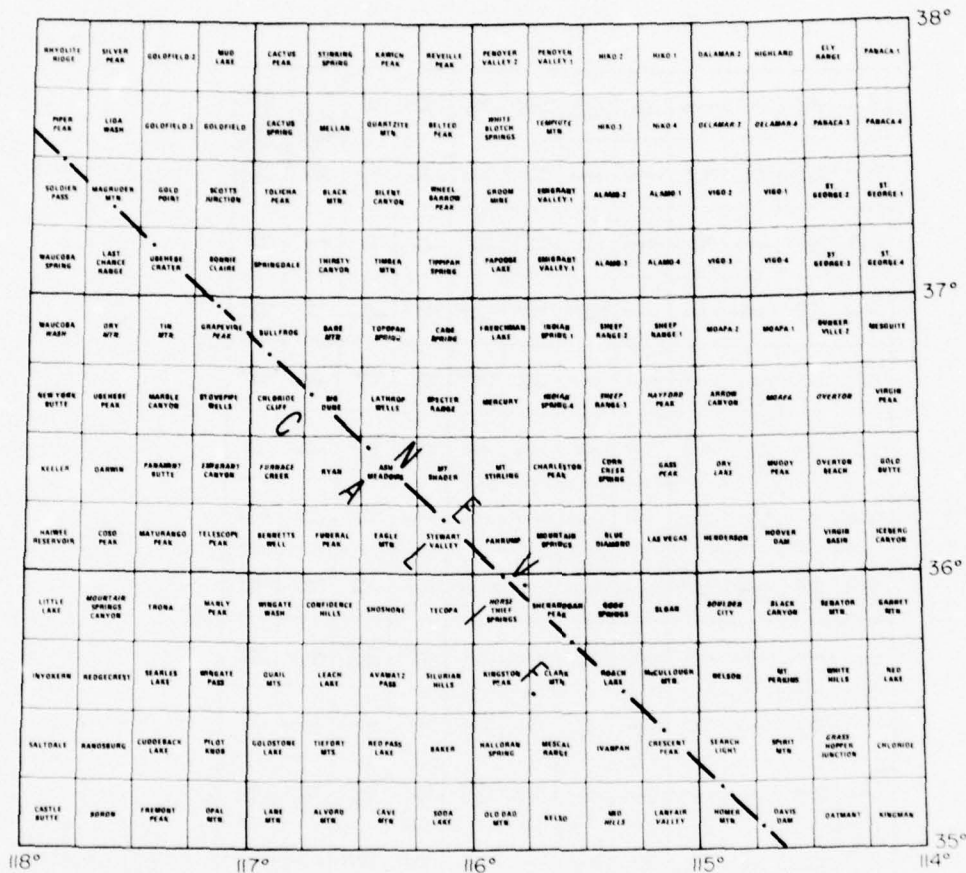


Figure 10d. Index map of quadrangle names as in Figure 10a.

A-1

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, JAN, 1972

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
1	14	37	30.0	34	18.1	118	20.7	C	1.7	9.7	SAN FERNANDO
2	4	47	10.9	34	9.6	116	43.1	B	2.8	8.0	R MURONGO VALLEY
6	2	59	33.6	34	19.5	118	18.0	C	2.5	0.1	SAN FERNANDO
6	8	4	1.1	34	20.4	118	25.1	C	1.7	4.8	SAN FERNANDO
6	10	10	35.3	35	42.4	118	19.3	B	3.6	8.0	R ISABELLA
FELT ISABELLA											
6	10	32	59.9	34	20.7	118	23.5	B	1.7	3.4	SAN FERNANDO
6	16	26	52.9	34	10.1	117	24.6	A	2.8	8.0	K SAN BERNARDINO
7	4	8	25.3	33	15.8	116	50.3	B	3.4	11.7	PALOMAR MTN
9	4	25	24.3	31	53.8	116	6.9	C	3.6	8.0	K SANTO TOMAS
10	0	53	7.4	34	23.5	118	24.1	D	1.7	5.0	SAN FERNANDO
11	1	34	11.8	33	52.4	116	18.1	B	3.1	8.0	R THOUSAND PALMS
11	1	47	33.6	33	48.7	116	20.3	B	3.5	8.0	R THOUSAND PALMS
11	1	56	22.1	33	49.3	116	16.2	B	2.5	8.0	K THOUSAND PALMS
11	2	17	9.1	33	49.7	116	17.0	B	3.4	8.0	R THOUSAND PALMS
11	4	23	43.5	33	53.3	116	17.6	B	3.7	8.0	K THOUSAND PALMS
11	6	13	43.8	33	54.6	116	18.6	B	3.5	8.0	K THOUSAND PALMS
11	6	15	10.6	33	50.1	116	17.5	B	3.0	8.0	R THOUSAND PALMS
11	10	9	55.8	34	21.1	118	24.0	C	1.7	5.0	SAN FERNANDO
11	18	0	4.2	34	21.0	118	24.1	D	1.7	4.5	SAN FERNANDO
12	12	31	9.6	32	55.9	115	47.9	C	4.0	0.0	K PLASTER CITY
14	18	59	56.9	34	23.7	118	18.6	C	1.7	5.7	SAN FERNANDO
16	11	58	56.3	37	31.4	118	50.0	C	3.5	8.0	R MT MORRISON
17	5	49	56.4	34	9.3	120	22.5	C	3.2	8.0	R SAN MIGUEL I NORTH
17	9	10	36.0	34	10.1	120	22.1	C	2.5	8.0	K SAN MIGUEL I NORTH
19	1	59	42.8	32	9.6	115	43.4	B	4.0	8.0	K LAGUNA SALADA
20	18	15	39.4	34	26.9	118	29.2	B	3.1	12.0	SAN FERNANDO
FELT SAN FERNANDO AREA											
20	22	34	46.6	34	19.9	118	23.3	C	1.7	3.1	SAN FERNANDO
22	2	57	18.5	37	41.1	118	15.8	C	4.6	8.0	R WHITE MTN SW
24	6	4	24.6	34	16.9	116	53.3	A	2.7	8.0	K LUCERNE VALLEY
24	7	25	7.7	34	18.8	116	52.0	A	2.6	8.0	K LUCERNE VALLEY
24	13	30	57.7	36	46.5	115	40.9	C	3.2	8.0	K INDIAN SPRING-1
24	21	20	27.2	31	37.5	115	48.4	C	3.8	8.0	K SIERRA JUAREZ SE
25	4	13	40.1	34	20.8	118	28.9	B	2.5	8.0	R SAN FERNANDO
25	17	16	47.6	34	19.8	118	33.4	C	2.2	8.0	R SANTA SUSANA
26	0	0	30.4	32	56.4	116	14.2	A	3.3	8.0	K CARRIZO MTN
26	3	33	18.6	34	22.7	118	24.1	B	2.5	2.4	SAN FERNANDO
26	12	51	2.5	36	15.3	118	12.4	A	2.5	8.0	R OLANCHA
26	14	56	23.5	36	6.5	117	46.5	B	2.5	8.0	K HAIWEE RESERVOIR
28	17	0	21.4	34	20.0	116	9.0	B	3.7	0.7	DEADMAN LAKE
29	10	12	22.7	33	52.9	116	18.3	B	3.5	8.0	K THOUSAND PALMS
29	10	57	4.7	33	52.3	116	18.1	B	2.9	8.0	R THOUSAND PALMS
31	1	46	58.0	31	51.8	116	4.8	C	3.3	8.0	R SANTO TOMAS
31	1	55	4.2	34	18.7	116	52.8	B	4.0	8.0	K LUCERNE VALLEY
FELT BIG BEAK SAN BERNARDINO RIVERSIDE											

A-2

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, FEB, 1972

A-2

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE
2	16	56	26.2	34 24.5	118 26.0	A	3.7	11.7	SAN FERNANDO
				FELT SAN FERNANDO REGION					
5	8	25	26.4	34 20.2	118 25.1	B	2.5	8.0 R	SAN FERNANDO
6	6	48	45.4	34 21.5	118 31.0	B	2.4	8.0 R	SANTA SUSANA
8	2	49	11.8	34 24.2	118 24.7	A	3.6	9.1	SAN FERNANDO
				FELT SAN FERNANDO REGION					
9	2	25	48.5	34 20.9	118 19.8	C	2.5	2.8	SAN FERNANDO
9	6	28	33.4	34 20.5	118 23.5	C	2.0	2.8	SAN FERNANDO
10	3	22	12.2	34 28.4	118 24.1	C	1.7	5.0	SAN FERNANDO
10	3	48	51.5	34 26.1	118 34.2	D	2.4	5.0	SANTA SUSANA
11	20	55	13.5	34 19.5	118 19.6	D	2.3	5.5	SAN FERNANDO
12	8	58	0.6	34 23.5	118 21.1	D	2.5	8.4	SAN FERNANDO
12	22	36	38.3	35 40.0	118 28.0	B	2.7	8.0 R	ISABELLA
13	14	24	56.8	31 53.0	115 4.5	C	3.9	8.0 R	SIERRA TINAJA
15	19	28	22.4	34 27.4	118 26.3	B	2.5	-1.6	SAN FERNANDO
16	4	27	50.7	35 21.2	118 29.6	B	2.9	8.0 R	EMERALD MTN
16	23	50	38.6	34 46.0	120 36.9	C	3.3	8.0 R	POINT SAL
17	7	55	32.6	37 10.9	117 33.8	A	3.2	8.0 R	LAST CHANCE RANGE
17	11	9	59.5	37 31.2	118 24.9	B	4.0	8.0 R	WHITE MTN SW
17	15	54	30.1	34 2.6	116 28.2	B	3.4	8.0 R	JOSHUA TREE
17	17	52	10.6	34 23.5	118 26.4	C	1.7	9.8	SAN FERNANDO
19	0	26	49.7	34 22.0	119 27.8	B	2.8	8.0 R	VENTURA
19	4	25	38.9	34 24.2	118 27.9	A	2.7	10.2	SAN FERNANDO
20	13	48	32.3	33 29.9	116 36.0	D	1.7	16.3	WARNER SPRINGS
21	8	57	5.4	34 20.9	118 22.3	D	1.7	5.0	SAN FERNANDO
21	9	2	23.6	34 23.7	118 21.6	C	1.7	1.9	SAN FERNANDO
23	14	43	42.9	33 51.9	118 23.4	B	2.4	*	REDONDU
				FELT TORRANCE MANHATTAN BEACH HAWTHORNE					
25	7	43	38.2	33 57.5	118 23.9	C	1.7	0.8	REDONDU
25	9	55	39.5	34 23.0	118 24.1	C	1.7	9.9	SAN FERNANDO
25	19	6	55.0	34 25.9	118 25.9	A	3.8	13.3	SAN FERNANDO
				FELT SAN FERNANDO PASADENA LOS ANGELES					
26	1	12	48.9	34 22.9	118 16.7	A	2.8	3.1	SAN FERNANDO
27	6	5	39.3	34 19.8	118 27.6	C	1.7	3.6	SAN FERNANDO
27	22	13	53.4	34 17.8	118 28.2	C	1.7	8.4	SAN FERNANDO
28	4	37	15.2	34 22.1	118 23.6	B	1.7	9.8	SAN FERNANDO
29	21	0	21.5	32 47.0	115 55.9	C	3.3	8.0 R	PLASTER CITY

MAR, 1972

1	3	56	46.0	34 23.5	118 24.1	D	1.7	8.8	SAN FERNANDO
1	7	49	37.1	33 24.6	117 0.4	B	3.0	8.0 R	TEMECULA
2	5	2	0.4	34 1.4	118 30.6	C	2.1	4.9	CALABASAS
2	10	9	57.5	33 44.1	118 23.2	C	1.7	0.2	SAN PEDRO
4	1	55	25.0	35 53.8	117 48.5	B	3.2	8.0 R	LITTLE LAKE
4	15	29	20.9	33 13.4	116 55.5	B	3.5	8.0 R	RAMONA
5	19	15	29.5	34 23.2	118 25.4	C	1.7	5.2	SAN FERNANDO
6	5	4	34.8	34 21.2	118 23.3	C	1.7	4.1	SAN FERNANDO
6	7	33	35.3	33 37.3	117 53.7	C	1.7	5.7	SANTA ANA
6	12	59	40.1	35 40.3	118 21.3	A	2.8	8.0 R	ISABELLA
6	13	14	48.9	35 38.7	118 26.9	B	2.9	8.0 R	ISABELLA

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, MAR, 1972

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE
6	23	37	54.8	35	0.3	118 49.0 B	3.0	8.0 R	CUMANCHE PCINT
7	0	10	52.7	34	55.8	118 51.4 B	2.6	8.0 R	TEJON PASS
9	1	23	53.4	34	22.6	118 22.8 C	1.7	7.3	SAN FERNANDO
9	3	27	29.3	33	43.5	118 21.5 C	2.5	5.0	SAN PEDRO
9	13	46	56.8	34	21.4	118 24.6 B	1.7	7.8	SAN FERNANDO
9	17	28	45.8	37	24.3	118 31.4 C	3.0	0.0 K	MT TOM
11	17	8	58.4	34	21.6	118 23.7 B	1.7	6.0	SAN FERNANDO
11	20	33	5.6	32	23.2	118 16.1 C	3.4	8.0 R	CONTINENTAL SHELF
12	3	23	35.2	34	22.4	118 25.0 B	2.7	7.5	SAN FERNANDO
13	11	21	29.6	34	18.1	118 25.1 C	2.1	5.7	SAN FERNANDO
13	22	24	59.3	37	13.4	118 58.0 C	3.0	8.0 R	BLACKCAP MTN
14	20	47	9.7	34	21.8	118 16.7 C	1.7	8.5	SAN FERNANDO
15	7	22	53.3	34	20.1	118 23.0 C	1.7	1.5	SAN FERNANDO
15	13	33	11.4	34	12.6	118 12.5 D	1.7	2.0	PASADENA
17	0	29	1.3	32	21.3	115 35.6 B	4.5	8.0 R	LAGUNA SALADA
									FELT EL CENTRO
17	19	48	8.1	34	0.1	117 9.9 A	3.0	8.0 R	REDLANDS
									FELT RIVERSIDE
18	0	16	25.9	34	20.4	118 28.2 D	1.7	5.6	SAN FERNANDO
18	6	30	35.7	34	23.5	118 24.1 D	1.7	5.0	SAN FERNANDO
18	16	13	23.5	34	21.6	118 23.9 B	1.7	8.0	SAN FERNANDO
19	11	19	43.9	34	23.5	118 22.4 D	1.7	0.3	SAN FERNANDO
21	1	21	13.9	36	1.1	117 35.4 B	3.4	8.0 R	COSO PEAK
21	8	48	7.8	34	23.5	118 24.4 C	1.7	9.4	SAN FERNANDO
22	12	54	3.9	34	2.5	117 14.9 B	2.6	8.0 R	REDLANDS
									FELT RIVERSIDE
23	6	35	56.0	34	25.8	118 24.9 A	2.6	6.1	SAN FERNANDO
23	12	1	17.4	34	22.3	118 18.1 D	1.7	5.0	SAN FERNANDO
23	16	1	0.4	32	57.9	117 37.2 B	3.2	8.0 R	SAN DIEGO TROUGH
24	3	36	5.9	35	45.2	118 2.1 B	2.9	8.0 R	LAMONT PEAK
25	2	27	40.7	33	7.3	115 58.3 B	3.6	8.0 R	KANE SPRING
25	6	4	15.1	34	21.3	118 21.0 C	1.7	5.0	SAN FERNANDO
25	13	17	48.5	34	24.2	118 25.0 C	1.7	9.6	SAN FERNANDO
26	5	55	3.3	34	17.4	118 29.3 B	1.7	9.0	SAN FERNANDO
26	7	55	3.6	34	20.5	118 21.7 C	1.7	3.0	SAN FERNANDO
26	14	53	37.1	34	5.3	117 50.6 D	1.7	5.6	FONTANA
26	15	20	24.6	34	21.8	118 25.0 C	1.7	6.3	SAN FERNANDO
26	16	30	2.4	34	21.8	118 24.3 B	1.7	4.2	SAN FERNANDO
27	1	45	18.1	34	16.9	118 28.2 C	2.1	5.8	SAN FERNANDO
27	7	50	21.8	35	21.5	118 34.6 A	3.4	8.0 R	BRECKENRIDGE MTN
28	7	49	15.4	34	23.5	118 23.7 D	1.7	0.6	SAN FERNANDO
28	10	41	3.4	34	21.2	118 20.7 C	1.7	5.1	SAN FERNANDO
28	19	29	13.9	34	16.7	118 19.3 B	1.7	8.8	SAN FERNANDO
29	16	9	16.3	34	17.6	118 20.2 C	2.2	5.9	SAN FERNANDO
30	16	53	48.9	34	20.8	118 20.0 C	1.7	5.5	SAN FERNANDO
31	2	25	37.7	32	41.0	115 38.8 C	3.1	8.0 R	HEBER
31	2	25	46.7	32	18.8	115 35.5 C	3.2	8.0 R	LAGUNA SALADA
31	13	51	44.5	34	22.3	118 20.8 C	1.7	2.0	SAN FERNANDO
31	21	14	6.1	36	51.1	120 0.5 A	4.1	8.0 R	MADERA
									FELT MADERA

M

M

*

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, APR, 1972

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE		
1	21	21	2.8	34	20.8	118	17.4	A	3.0	8.8	SAN FERNANDO
1	23	55	14.8	33	53.6	116	18.1	B	3.3	8.0	R THOUSAND PALMS
2	6	44	56.7	35	34.5	117	29.2	A	3.0	8.0	R SEARLES LAKE
2	22	38	48.0	34	23.5	118	25.7	C	1.7	9.9	SAN FERNANDO
3	2	33	0.6	34	20.6	118	23.4	C	1.7	2.6	SAN FERNANDO
3	3	55	29.2	34	21.3	118	23.5	C	1.7	5.0	SAN FERNANDO
3	9	30	29.4	34	6.9	118	16.4	C	1.7	9.1	SANTA MONICA
3	9	53	54.3	34	9.0	118	17.4	C	1.7	5.0	SANTA MONICA
4	5	2	56.3	34	14.2	119	33.2	B	3.2	8.0	K SANTA CRUZ I NE
4	11	15	17.4	34	20.0	118	24.3	B	1.7	1.2	SAN FERNANDO
5	5	53	28.4	33	47.5	115	41.5	A	3.0	7.9	PINTO BASIN
5	9	20	56.0	33	43.3	115	40.6	B	2.7	8.0	R HAYFIELD
5	9	24	56.4	33	40.7	115	40.2	C	3.1	8.0	R HAYFIELD
5	11	16	6.8	33	46.0	115	41.7	C	2.9	*	PINTO BASIN
5	13	11	5.4	34	22.5	118	24.4	C	1.7	7.4	SAN FERNANDO
5	14	13	42.5	33	35.0	115	44.1	C	3.0	8.0	R HAYFIELD
5	19	52	52.6	33	30.1	115	43.6	C	3.2	8.0	R HAYFIELD
5	21	18	5.8	34	20.7	118	20.6	C	1.7	2.5	SAN FERNANDO
6	1	11	27.3	32	0.3	115	9.3	D	3.6	8.0	R SIERRA CUCAPI
6	6	1	15.8	33	31.7	115	44.4	B	3.0	8.0	R HAYFIELD
6	7	19	29.6	34	19.8	118	16.5	D	1.7	5.9	SAN FERNANDO
7	1	22	41.4	33	37.3	115	33.5	B	2.8	8.0	R HAYFIELD
7	7	17	54.4	33	33.5	115	43.2	B	3.0	8.0	R HAYFIELD
7	12	22	10.3	34	21.3	118	25.1	C	1.7	4.9	SAN FERNANDO
7	22	51	41.2	34	50.4	116	45.4	C	3.0	8.0	K JAGGETT
7	22	51	49.1	34	59.7	116	43.8	B	3.0	8.0	K NEWBERRY
8	4	56	59.8	34	23.5	118	24.1	C	1.7	6.4	SAN FERNANDO
8	12	19	39.4	34	20.0	118	24.5	B	1.7	3.0	SAN FERNANDO
8	13	42	26.5	34	24.4	118	23.8	C	1.7	1.7	SAN FERNANDO
9	6	56	21.7	33	54.7	117	50.8	D	1.7	7.3	ANAHEIM
9	15	35	32.9	34	22.0	118	22.5	C	1.7	3.9	SAN FERNANDO
9	17	48	55.2	34	25.2	118	25.7	A	2.6	7.5	SAN FERNANDO
9	23	35	54.1	34	21.4	118	17.3	A	2.5	-1.8	SAN FERNANDO
10	11	45	35.0	34	21.1	118	21.1	C	1.7	2.7	SAN FERNANDO
10	12	37	49.4	34	19.7	118	21.9	D	1.7	0.8	SAN FERNANDO
10	13	24	12.9	34	23.6	118	20.0	D	1.7	5.0	SAN FERNANDO
10	16	10	25.1	34	17.2	118	19.4	D	1.7	5.6	SAN FERNANDO
10	16	21	6.3	32	38.3	115	30.6	B	3.0	8.0	K HEBER
10	22	57	7.0	34	0.1	118	21.2	C	1.7	9.4	SANTA MONICA
11	4	29	53.1	34	18.3	118	17.8	C	1.7	6.7	SAN FERNANDO
11	5	15	58.3	34	21.4	118	20.9	D	1.7	7.9	SAN FERNANDO
11	18	13	36.7	34	20.8	118	24.1	C	1.7	3.5	SAN FERNANDO
12	18	58	12.3	34	18.0	118	19.8	C	1.7	5.3	SAN FERNANDO
12	19	45	48.6	34	23.2	118	25.1	C	1.7	5.3	SAN FERNANDO
14	3	5	3.1	34	17.8	119	52.5	B	3.4	8.2	K GOLETA
FELT GOLETA VALLEY											
14	20	0	56.5	34	4.9	116	23.1	B	3.9	8.0	R JOSHUA TREE
16	12	56	25.6	34	11.1	117	37.2	A	2.3	8.0	K ONTARIO
17	0	28	37.4	34	15.6	119	50.6	B	2.9	8.0	K GOLETA
17	6	24	22.8	34	6.1	116	44.7	B	3.2	8.0	R MORONGO VALLEY
17	23	47	9.4	34	4.1	116	28.2	B	2.5	8.0	K JOSHUA TREE

A-5

A-5

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, APR, 1972

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE	
18	23	52	56.4	32	55.8	116	21.6	C	3.0	8.0 R MT LAGUNA
20	10	3	17.2	34	21.1	118	24.1	C	2.1	3.8 SAN FERNANDO
21	5	7	8.6	35	59.9	117	26.2	C	2.9	8.0 R TRONA
21	8	17	20.8	35	58.4	117	27.8	C	2.7	8.0 R TRONA
21	21	10	35.4	34	17.3	118	20.8	C	1.7	5.9 SAN FERNANDO
23	2	59	45.1	33	57.4	117	7.0	A	2.5	8.0 R PERRIS
23	11	17	55.5	31	6.2	115	41.0	C	4.5	8.0 R VALLE TRINIDAD
23	13	21	49.9	34	5.3	116	23.9	B	2.8	8.0 R JOSHUA TREE
24	1	10	44.4	34	0.2	118	23.2	B	1.6	0.8 SANTA MONICA
FELT BALDWIN HILLS										
24	10	6	28.3	34	20.0	117	6.9	A	2.7	3.2 LAKE ARROWHEAD
25	2	26	31.5	32	53.2	117	42.0	B	3.6	12.7 SAN DIEGO TROUGH
25	17	37	14.5	33	25.7	116	19.0	A	3.0	7.0 R CLARK LAKE
26	1	56	45.7	34	9.0	118	13.1	D	1.7	3.1 PASADENA
26	2	11	14.4	34	22.5	118	18.7	D	1.7	3.6 SAN FERNANDO
27	4	45	16.8	34	4.1	118	59.6	B	3.2	10.2 TRIUNFO PASS
FELT THOUSAND OAKS										
27	9	10	26.5	34	20.2	118	20.7	C	1.7	3.8 SAN FERNANDO
27	10	33	29.0	34	21.0	118	24.7	B	1.7	3.6 SAN FERNANDO
27	22	29	42.1	33	27.4	116	51.2	B	3.1	1.8 PALOMAR MTN
28	0	17	20.7	34	12.8	118	12.1	B	1.7	* PASADENA
FELT LA CANADA										
28	2	44	44.9	34	20.9	118	25.5	C	1.7	3.6 SAN FERNANDO
28	16	8	55.6	34	20.7	118	22.6	C	1.7	4.2 SAN FERNANDO
30	3	19	30.2	34	9.0	118	27.3	D	1.7	5.0 SANTA MONICA
30	13	28	19.1	34	21.0	118	23.8	B	1.7	4.7 SAN FERNANDO

MAY, 1972

1	17	33	34.2	32	58.2	116	25.1	C	2.7	8.0 R MT LAGUNA
1	21	51	10.6	36	25.7	120	57.5	C	3.3	8.0 R HERNANDEZ VALLEY
1	22	17	17.8	32	54.0	116	35.3	C	2.9	8.0 R CUYAMACA PEAK
5	6	38	43.6	35	59.5	118	20.8	A	2.6	8.0 R KERNVILLE
5	11	12	27.4	33	14.1	116	50.1	B	2.4	8.0 R RAMONA
5	11	48	44.1	36	0.8	118	17.1	B	2.7	8.0 R HUCKETT PEAK
5	13	49	29.5	34	19.6	118	15.3	A	2.8	0.1 SAN FERNANDO
FELT GLENDALE AND BURBANK										
7	10	14	5.1	34	21.0	118	17.5	A	2.1	-1.2 SAN FERNANDO
FELT SAN FERNANDO VALLEY										
7	12	27	2.6	34	10.9	116	51.0	A	2.5	8.0 R SAN GORGONIO MTN
7	13	13	44.7	33	59.1	118	29.0	A	2.4	7.4 REDONDO
FELT VENICE AND SANTA MONICA										
8	5	11	42.7	34	22.7	118	24.2	B	1.7	8.0 SAN FERNANDO
9	15	39	51.7	35	55.3	117	47.3	B	2.5	8.0 R LITTLE LAKE
10	0	26	46.5	34	0.1	118	8.8	D	1.7	7.7 PASADENA
10	3	19	43.8	34	20.6	118	22.4	C	1.7	3.4 SAN FERNANDO
11	4	50	48.4	35	10.0	116	44.1	B	2.9	8.0 R ALVORD MTN
11	11	45	21.3	34	21.4	118	21.2	C	1.7	4.0 SAN FERNANDO
12	10	48	13.0	34	17.8	118	18.6	C	1.7	6.7 SAN FERNANDO
12	14	49	16.6	34	17.7	118	19.5	C	1.7	5.2 SAN FERNANDO
13	2	54	10.8	37	30.6	118	21.5	B	3.2	8.0 R WHITE MTN SW

A-6

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, MAY, 1972

A-6

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE	
13	17	28	36.4	34	17.7	118 19.5	C	1.7	5.9	SAN FERNANDO
12	17	38	3.4	33	19.2	116 9.9	B	2.8	8.0	K RABBIT PEAK
14	9	52	11.9	34	24.7	118 25.8	C	1.7	0.8	SAN FERNANDO
14	14	15	39.7	33	58.8	116 40.2	A	2.6	8.0	K PALM SPRINGS
14	23	1	56.8	34	22.3	118 24.9	C	1.7	7.5	SAN FERNANDO
15	9	39	7.1	34	22.6	118 25.2	C	1.7	8.2	SAN FERNANDO
15	15	52	39.1	34	25.2	118 25.5	B	2.5	8.6	SAN FERNANDO
FELT SAUGUS										
15	16	2	9.4	34	20.5	118 23.7	B	1.7	2.8	SAN FERNANDO
19	23	23	10.5	34	22.9	118 23.8	A	3.3	8.0	R SAN FERNANDO
FELT SAN FERNANDO										
20	0	52	48.0	34	24.3	118 23.9	B	2.2	8.0	R SAN FERNANDO
20	17	59	31.8	34	13.1	118 11.1	B	1.3	8.0	K PASADENA
FELT LA CANADA										
20	21	44	15.7	34	0.3	116 37.8	A	3.0	8.0	K MUKUNGO VALLEY
23	10	19	44.4	34	3.7	117 14.0	A	3.0	8.0	R REDLANDS
24	17	53	28.6	34	21.1	118 24.1	C	1.7	4.5	SAN FERNANDO
26	7	35	32.2	33	26.3	117 5.7	A	2.8	8.0	R TEMECULA
27	0	7	23.5	35	33.8	119 26.2	B	3.0	8.0	K WASCO
27	3	52	32.4	31	48.5	115 44.0	C	3.6	8.0	K SIERRA JUAREZ SE
27	9	13	14.8	34	24.4	118 23.1	A	2.1	7.2	SAN FERNANDO
29	2	11	13.3	34	6.4	117 25.3	A	1.4	8.0	R SAN BERNARDINO
30	6	55	15.0	34	1.8	117 35.0	A	2.5	0.4	ONTARIO
30	20	45	45.9	34	12.8	118 10.8	A	1.5	8.0	R PASADENA
31	9	17	32.7	34	22.5	118 22.6	C	1.7	7.2	SAN FERNANDO
31	22	53	41.8	34	21.3	118 18.9	D	1.7	5.0	SAN FERNANDO

JUN, 1972

1	4	52	41.5	34	6.5	117 25.9	A	2.7	*	SAN BERNARDINO
3	9	54	38.3	34	1.7	117 11.6	A	2.6	4.6	REDLANDS
4	23	32	18.1	34	22.0	118 23.1	C	1.7	4.0	SAN FERNANDO
5	19	46	5.9	34	18.9	118 26.0	D	1.7	7.8	SAN FERNANDO
6	11	1	34.6	32	37.1	117 55.8	B	3.0	8.0	R FORTYMILE BANK
6	8	14	51.0	37	25.3	118 12.6	C	2.5	8.0	R BLANCO MTN
9	9	6	12.8	34	24.2	118 25.2	C	1.7	8.4	SAN FERNANDO
9	9	21	35.8	34	55.7	116 56.3	A	2.7	8.0	R DAGGETT
11	11	5	5.0	33	52.5	118 41.0	A	3.0	4.1	SANTA MONICA BAY
11	14	26	22.5	33	17.4	116 18.4	B	3.0	8.0	R CLARK LAKE
11	14	26	27.0	33	16.6	116 15.8	B	3.0	8.0	R CLARK LAKE
12	3	51	14.1	33	45.7	117 58.2	C	1.7	5.0	ANAHEIM
12	3	57	18.2	33	42.9	116 45.8	A	3.2	8.0	R HEMET
12	5	28	58.3	33	0.3	115 30.3	B	2.8	8.0	R CALIPATRIA
12	8	47	2.4	35	34.6	117 31.6	A	3.1	8.0	R RIDGECREST
12	12	19	51.4	34	13.2	118 11.8	C	1.7	5.0	PASADENA
14	13	37	34.6	34	45.0	118 54.4	B	2.5	8.0	R TEJON PASS
14	13	38	22.9	34	46.8	118 53.8	B	2.6	8.0	R TEJON PASS
15	13	31	34.6	34	4.5	118 16.5	C	1.7	6.2	SANTA MONICA
15	19	54	36.7	34	12.4	120 55.1	C	3.0	8.0	K OFF POINT CONCEPTION
17	3	32	52.6	34	21.0	118 25.4	C	1.7	4.1	SAN FERNANDO
17	13	41	25.8	34	23.5	118 24.1	C	1.7	0.0	SAN FERNANDO

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, JUN, 1972

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE
19	2	34	30.1	33 34.5	117 59.4	C	1.7	5.7	SANTA ANA
18	2	49	0.2	37 44.0	118 39.3	C	2.5	8.0	R CASA DIABLO MTN
18	2	51	32.0	37 2.0	118 21.0	D	3.6	8.0	K BIG PINE
18	2	57	12.0	37 1.0	118 14.0	D	3.7	8.0	K WAUCUBA MTN
19	3	12	2.1	37 47.4	118 41.8	C	3.0	8.0	K GLASS MOUNTAIN
19	3	43	24.0	37 0.0	118 14.0	D	3.6	8.0	R WAUCUBA MTN
19	2	54	33.4	34 22.1	118 25.0	C	1.7	5.1	SAN FERNANDO
19	16	8	26.8	34 4.6	117 26.8	A	3.0	5.5	SAN BERNARDINO
				FELT FONTANA	SAN BERNARDINO	SANTA ANA			
20	7	17	25.3	34 18.2	118 19.1	A	2.5	1.6	SAN FERNANDO
21	0	43	3.6	34 23.5	118 25.3	C	1.7	8.5	SAN FERNANDO
21	4	4	12.5	33 29.6	116 53.2	A	2.6	8.0	K PALOMAR MTN
21	4	19	2.1	34 26.1	118 25.3	A	2.8	4.7	SAN FERNANDO
21	12	47	37.1	34 24.0	118 25.6	A	2.5	6.1	SAN FERNANDO
21	14	38	35.7	34 19.7	118 27.5	B	1.7	2.1	SAN FERNANDO
22	13	35	19.6	34 21.6	118 23.4	B	1.7	5.0	SAN FERNANDO
22	19	21	30.0	33 29.7	116 30.3	A	3.4	8.0	K WAKNER SPRINGS
22	22	2	0.8	33 15.0	116 5.2	A	3.0	8.0	K BORREGO MTN
23	3	45	27.6	33 31.2	116 30.2	A	2.6	8.0	K IDYLLWILD
23	9	55	29.0	34 23.5	118 24.8	D	1.7	1.9	SAN FERNANDO
26	6	13	22.4	35 53.0	117 39.2	C	2.9	8.0	K MOUNTAIN SPRINGS CANYON
26	9	21	14.9	35 49.2	117 41.6	B	3.0	8.0	K MOUNTAIN SPRINGS CANYON
26	23	41	37.5	34 25.5	118 26.3	A	2.5	2.1	SAN FERNANDO
28	5	29	10.8	35 49.3	117 37.9	B	3.2	8.0	K MOUNTAIN SPRINGS CANYON
29	2	1	52.4	33 59.2	118 21.1	A	2.7	*	REDONDO
				FELT NORTH HOLLYWOOD	LA CIENAGA				
29	6	41	9.2	34 19.5	117 7.9	A	3.4	8.0	R LAKE ARROWHEAD
30	8	45	30.2	34 9.0	118 5.9	D	1.7	5.0	PASADENA
30	9	48	28.2	33 13.1	115 41.5	B	2.6	8.0	K CALIPATRIA
				FELT FONTANA	RIALTU				
30	9	50	15.3	33 10.9	115 40.5	B	2.8	8.0	R CALIPATRIA
30	9	54	21.0	34 5.8	117 26.4	A	2.7	2.4	SAN BERNARDINO
30	9	58	4.6	33 14.8	115 41.7	B	2.3	8.0	R CALIPATRIA
30	20	43	27.2	33 38.0	116 49.6	C	2.9	8.0	K HEMET

JUL, 1972

1	2	40	5.0	35 48.5	117 35.5	C	2.8	8.0	R MOUNTAIN SPRINGS CANYON
4	8	20	4.0	35 48.3	117 37.9	A	4.0	8.0	R MOUNTAIN SPRINGS CANYON
4	8	26	13.1	35 53.0	117 35.1	C	2.7	8.0	K MOUNTAIN SPRINGS CANYON
4	8	37	15.7	35 49.1	117 36.3	A	3.4	8.0	K MOUNTAIN SPRINGS CANYON
5	5	31	23.4	34 3.8	117 26.7	B	2.0	*	SAN BERNARDINO
5	19	37	39.7	34 24.7	118 22.5	A	3.4	9.2	SAN FERNANDO
				FELT SYLMAR	SHERMAN OAKS	AND SILVERLAKE DISTRICT			
				OF LOS ANGELES					
5	19	58	26.4	34 26.4	118 21.4	C	2.4	9.8	SAN FERNANDO
				FELT SAN BERNARDINO					
5	20	8	22.7	34 10.2	117 36.3	B	2.2	5.8	ONTARIO
5	20	8	47.8	34 14.0	117 32.9	B	2.5	*	ONTARIO
5	20	10	43.6	34 20.4	117 39.5	B	2.5	2.0	SAN ANTONIO
6	3	2	37.1	34 22.7	118 25.7	C	1.7	7.2	SAN FERNANDO

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, JUL, 1972

CA	N	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE
6	22	38	8.9	34 24.3	118 21.7	A	3.3	5.9	SAN FERNANDO
									FELT PASADENA GLENDALE SAN FERNANDO NORTH HOLLYWOOD
7	12	53	58.9	34 4.9	117 26.8	A	3.1	*	SAN BERNARDINO
									FELT FONTANA AREA
8	4	33	40.1	34 22.2	118 22.0	C	1.7	7.2	SAN FERNANDO
9	8	23	13.6	34 21.8	118 22.9	C	1.7	8.9	SAN FERNANDO
9	21	19	25.5	34 12.5	117 34.3	D	1.7	9.1	ONTARIO
10	6	15	37.2	34 1.0	118 24.9	C	1.7	5.9	SANTA MONICA
10	7	22	27.4	33 58.9	118 22.5	C	1.7	5.9	REDONDO
11	9	41	47.4	33 49.0	117 31.0	D	1.7	8.1	CORONA
11	23	46	32.1	32 47.3	116 13.6	B	3.2	*	CARRIZO MTN
12	8	28	0.3	34 22.5	118 15.5	D	1.7	5.0	SAN FERNANDO
13	2	29	17.0	34 23.5	118 24.1	C	1.7	9.9	SAN FERNANDO
13	13	29	14.8	34 15.9	118 27.1	C	1.7	7.0	SAN FERNANDO
14	23	1	14.8	34 1.9	118 44.0	C	2.7	0.6	CALABASAS
15	7	19	0.6	35 40.4	118 23.8	A	2.8	8.0 R	ISABELLA
16	6	9	19.5	34 21.7	118 23.8	B	1.7	5.5	SAN FERNANDO
17	7	39	2.1	34 6.0	117 26.5	D	1.7	5.4	SAN BERNARDINO
18	1	8	45.6	34 14.2	117 31.9	D	2.3	9.3	ONTARIO
19	3	37	4.7	33 26.6	116 34.2	A	3.0	8.0 R	WARNER SPRINGS
20	4	5	27.4	34 5.4	117 25.8	A	2.4	8.0 R	SAN BERNARDINO
21	19	25	6.7	34 17.7	116 58.5	A	2.6	8.0 R	LUCERNE VALLEY
21	19	57	7.1	34 17.7	116 59.0	A	2.5	8.0 R	LUCERNE VALLEY
21	22	26	28.3	34 18.3	116 59.4	A	2.5	8.0 R	LUCERNE VALLEY
22	13	30	27.8	33 53.0	113 21.4	B	2.4	8.0 R	REDONDO
23	0	15	10.0	33 7.1	116 4.4	A	3.0	8.0 R	BORREGO MTN
23	12	40	12.8	34 23.5	118 20.9	C	1.7	8.0	SAN FERNANDO
27	0	31	17.4	34 47.0	118 54.1	A	4.4	8.0 R	TEJON PASS
									FELT VENTURA AGUACA SAN FERNANDO
27	0	39	27.4	34 42.0	118 53.2	A	2.5	8.0 R	ALAMO MTN
27	0	50	21.5	34 48.0	113 52.5	A	2.7	8.0 R	TEJON PASS
27	1	12	4.8	34 42.6	118 53.5	B	3.0	8.0 R	ALAMO MTN
27	3	53	20.2	34 44.9	118 53.2	B	2.9	8.0 R	ALAMO MTN
28	13	9	26.7	33 50.3	117 4.1	B	2.8	8.0 R	PERRIS
29	1	18	51.0	33 11.6	116 47.6	B	3.2	8.0 R	RAMONA
29	4	45	0.8	35 47.2	117 37.8	B	3.0	8.0 R	MOUNTAIN SPRINGS CANYON
30	14	9	54.6	35 46.4	117 34.8	A	3.0	8.0 R	MOUNTAIN SPRINGS CANYON
30	19	2	14.5	35 47.3	117 38.3	B	3.4	1.0 R	MOUNTAIN SPRINGS CANYON
30	21	0	15.5	34 23.5	118 26.4	C	1.7	9.9	SAN FERNANDO
30	21	17	5.8	35 47.6	117 34.7	B	3.3	1.0 R	MOUNTAIN SPRINGS CANYON

AUG, 1972

1	3	14	31.2	36 7.4	117 48.6	A	2.7	8.0 R	HAIWEE RESERVOIR
1	6	4	16.7	33 55.1	116 9.5	B	2.4	8.0 R	LIJST HORSE MTN
1	9	20	1.6	34 18.2	116 58.8	A	3.1	*	LUCERNE VALLEY
2	1	23	19.4	34 34.2	118 44.6	D	1.7	5.0	LIEBRE MTN
2	23	18	12.1	35 18.2	116 50.6	B	2.7	8.0 R	GOLDSTONE LAKE
2	2	24	28.0	34 26.7	118 35.8	D	1.7	8.8	SANTA SUSANA
2	7	55	13.9	33 59.7	118 13.4	D	1.7	5.0	DOWNNEY
3	16	13	9.1	34 11.4	118 18.3	A	2.3	2.7	SANTA MONICA
									FELT BURBANK AND GLENDALE

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, AUG, 1972

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE
4	4	43	25.8	33 53.1	117 56.5	C	1.7	9.1	ANAHEIM
4	8	32	36.9	35 19.0	116 49.6	B	2.3	8.0 R	GOLDSTONE LAKE
4	12	44	26.5	34 26.0	118 24.8	B	3.1	11.1 R	SAN FERNANDO
FELT SAUGUS									
4	13	52	31.6	34 19.5	118 20.2	B	1.9	*	SAN FERNANDO
4	19	36	10.8	34 7.1	119 8.5	B	2.4	8.0 R	HUENEME
6	16	29	21.6	34 11.5	118 18.5	A	2.5	3.2	SANTA MONICA
FELT NORTH HOLLYWOOD AND BURBANK									
7	2	33	11.2	34 0.2	116 39.9	A	2.8	8.0 R	MORONGO VALLEY
7	6	51	25.4	34 24.7	118 24.1	D	1.7	2.4	SAN FERNANDO
7	10	17	49.9	34 8.8	119 27.8	B	3.0	8.0 R	ANACAPA I NORTH
8	0	10	2.1	34 20.4	118 26.2	C	1.7	2.8	SAN FERNANDO
8	3	19	42.3	34 16.1	116 24.5	B	2.5	8.0 R	EMERSON LAKE
9	12	7	24.1	33 45.3	117 32.0	A	2.6	8.0 R	CURONA
9	13	29	33.1	34 4.2	117 45.5	D	1.7	9.8	FONTANA
9	19	13	14.1	34 59.5	117 0.5	B	2.4	8.0 R	BARSTOW
10	12	3	7.1	33 49.0	117 41.6	D	1.7	6.0	CURONA
10	21	50	54.8	34 33.2	118 3.6	D	1.7	5.0	LANCASTER
13	4	21	28.4	34 20.8	118 23.2	C	1.7	7.6	SAN FERNANDO
13	9	44	19.4	32 51.4	115 21.9	C	2.9	8.0 R	HOLTVILLE
13	13	29	30.8	34 9.6	117 27.8	D	1.7	7.0	SAN BERNARDINO
14	2	37	17.9	33 57.3	118 0.7	D	1.7	5.0	DOWNEY
14	21	55	19.2	34 18.7	118 17.1	C	1.7	6.6	SAN FERNANDO
14	22	49	30.6	36 5.8	120 6.6	A	2.9	8.0 R	PULVADERO GAP
15	6	26	24.4	35 55.1	120 26.3	B	3.0	8.0 R	PARKFIELD
15	18	46	16.4	33 52.7	118 10.8	B	2.1	8.0 R	DOWNEY
17	8	29	22.3	34 12.0	117 33.9	A	2.8	8.0 R	ONTARIO
18	6	26	38.7	34 25.7	118 29.0	C	1.7	1.8	SAN FERNANDO
20	21	33	49.3	34 24.3	118 23.3	C	1.7	2.1	SAN FERNANDO
21	18	34	44.4	33 13.9	116 46.4	B	2.2	8.0 R	RAMONA
22	13	31	41.7	34 27.6	118 25.6	A	2.5	8.0 R	SAN FERNANDO
FELT SAUGUS									
22	23	27	38.0	34 27.0	118 4.6	C	1.7	6.5	ACTON
23	9	8	39.5	34 0.7	117 40.9	C	1.7	5.7	ONTARIO
24	4	59	57.5	33 53.3	118 10.2	B	2.5	8.0 R	DOWNEY
24	11	41	48.6	34 0.5	119 14.4	B	2.4	8.0 R	HUENEME
24	22	32	32.8	35 49.3	117 35.8	B	2.4	8.0 R	MOUNTAIN SPRINGS CANYON
25	2	50	33.3	33 11.9	116 3.5	A	2.8	8.0 R	BURREGO MTN
25	14	36	51.4	33 31.1	116 35.3	A	2.3	8.0 R	LUYLLWILD
26	0	17	21.6	32 42.6	116 24.6	C	2.5	8.0 R	CAMPO
26	16	53	59.0	34 23.5	118 22.8	C	2.6	9.4	SAN FERNANDO
27	8	49	27.0	34 3.3	118 23.1	A	3.2	8.0 R	SANTA MONICA
FELT BEVERLY HILLS ETC.									
27	15	50	55.8	34 1.0	116 21.3	A	2.0	8.0 R	JOSHUA TREE
28	12	43	42.8	33 55.1	118 17.0	D	1.7	7.8	REDONDO
28	16	55	14.5	34 23.8	116 11.5	B	2.0	8.0 R	DEADMAN LAKE
30	5	7	38.3	34 3.7	117 30.1	D	1.7	7.1	ONTARIO
30	7	22	43.9	33 55.4	117 50.4	D	1.7	8.6	ANAHEIM
30	8	10	22.1	33 52.5	117 52.5	A	2.3	8.0 R	ANAHEIM
30	8	16	37.4	33 53.7	117 51.7	D	1.7	7.9	ANAHEIM
30	10	22	15.7	36 52.8	120 3.6	B	3.3	8.0 R	MADERA

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, AUG, 1972

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE
30	12	16	7.6	36 46.8	120	C.7 B	2.8	8.0 R	MADERA

*

SEP, 1972

1	6	13	4.8	35 24.9	118 24.1	B	3.7	8.0 R	EMERALD MTN
				FELT ISABELLA					
1	6	20	21.0	35 27.1	118 33.8	B	2.2	8.0 R	BRECKENRIDGE MTN
1	6	34	16.1	35 27.0	118 33.8	B	2.9	8.0 R	BRECKENRIDGE MTN
1	8	5	56.3	33 55.6	118 9.4	C	1.7	1.6	DOWNNEY
2	9	22	22.8	34 15.2	118 28.0	C	1.7	7.0	SAN FERNANDO
3	9	37	17.3	31 47.0	117 12.4	C	3.4	8.0 R	CONTINENTAL SHELF
3	18	53	54.5	35 21.2	118 37.3	B	2.2	8.0 R	BRECKENRIDGE MTN
4	0	31	7.1	35 20.4	118 26.6	B	2.8	8.0 R	EMERALD MTN
4	0	35	18.7	35 26.2	118 31.8	B	2.4	8.0 R	BRECKENRIDGE MTN
4	13	40	46.6	34 23.3	116 30.5	B	2.4	8.0 R	OLD WOMAN SPRINGS
5	9	47	12.6	34 23.5	118 23.1	D	1.7	7.4	SAN FERNANDO
6	3	53	53.8	37 4.8	117 38.4	B	2.7	8.0 R	LAST CHANCE RANGE
7	15	3	0.1	37 16.9	118 11.3	C	2.5	0.0 R	BLANCO MTN
8	0	11	51.4	34 5.5	117 20.5	A	2.6	8.0 R	SAN BERNARDINO
9	3	23	9.9	34 21.6	118 23.1	C	1.7	5.5	SAN FERNANDO
10	5	19	6.2	34 2.8	118 21.2	A	2.7	8.0 R	SANTA MONICA
				FELT WEST LOS ANGELES					
11	6	44	0.2	33 30.4	116 23.8	A	3.0	8.0 R	PALM DESERT
11	7	6	10.5	34 22.5	118 22.5	C	1.7	4.3	SAN FERNANDO
11	7	26	31.0	34 21.9	118 21.4	C	1.7	7.5	SAN FERNANDO
11	9	40	28.7	34 5.1	117 14.1	A	3.8	8.0 R	REDLANDS
				FELT SAN BERNARDINO AREA					
11	10	16	23.9	33 28.4	116 24.2	B	2.6	8.0 R	CLARK LAKE
11	13	47	38.4	35 49.3	118 2.2	A	3.0	8.0 R	LAMONT PEAK
11	19	58	32.3	34 1.7	116 22.9	B	3.1	8.0 R	JOSHUA TREE
12	12	38	46.0	34 21.0	118 20.6	C	1.7	2.9	SAN FERNANDO
13	20	7	22.7	34 26.8	118 24.1	D	1.7	2.1	SAN FERNANDO
14	6	47	30.8	34 23.5	118 23.6	C	1.7	9.7	SAN FERNANDO
15	8	12	0.2	33 59.4	116 24.3	A	2.8	8.0 R	THOUSAND PALMS
16	16	54	24.5	34 9.3	117 36.9	A	2.0	8.0 R	ONTARIO
17	14	59	49.8	33 44.3	118 7.5	C	1.7	1.1	LAS BOLSAS
17	23	0	45.9	34 19.8	118 39.1	C	1.7	3.9	SANTA SUSANA
18	0	24	50.9	34 21.1	118 27.6	D	1.7	5.9	SAN FERNANDO
18	21	50	51.1	37 33.7	118 32.5	B	3.6	8.0 R	CASA DIABLO MTN
18	23	44	42.6	34 20.5	118 19.2	C	1.7	6.1	SAN FERNANDO
20	6	43	24.0	34 20.4	118 23.0	C	1.7	2.7	SAN FERNANDO
20	17	20	1.0	34 7.0	117 27.9	B	2.3	8.0 R	SAN BERNARDINO
20	17	32	27.0	34 8.1	117 26.3	A	2.2	8.0 R	SAN BERNARDINO
20	17	48	12.6	34 7.4	117 26.6	A	2.9	8.0 R	SAN BERNARDINO
				FELT FONTANA AREA					
20	23	48	6.5	35 24.5	118 28.6	B	2.4	8.0 R	EMERALD MTN
21	3	35	47.6	34 6.2	117 28.3	A	2.5	8.0 R	SAN BERNARDINO
22	13	31	16.6	34 2.8	117 1.7	A	2.5	8.0 R	REDLANDS
23	0	53	7.2	34 23.0	118 18.0	A	2.0	8.0 R	SAN FERNANDO
23	2	50	42.1	34 17.4	118 18.8	C	1.7	7.1	SAN FERNANDO
23	3	43	45.4	34 40.3	120 31.2	B	3.3	8.0 R	PT ARGUELLO

M

A-11

A-11

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, SEP, 1972

CA	H	M	S	LAT N	LNG W	Q	MAG	DEPTH	S	QUADRANGLE		
23	6	14	46.2	36	49.8	115	32.9	C	3.0	8.0 R	INDIAN SPRING-1	* N
23	22	7	33.5	34	20.5	118	23.8	B	1.7	2.5	SAN FERNANDO	
24	1	30	43.8	34	25.9	117	13.4	A	2.8	8.0 R	LAKE ARROWHEAD	
26	12	32	48.7	36	4.1	118	17.0	B	2.9	8.0 R	HUCKETT PEAK	
26	21	48	9.9	35	3.6	118	22.1	B	2.4	8.0 R	TEHACHAPI	
27	4	9	20.6	34	2.5	117	36.2	B	2.4	8.0 R	ONTARIO	
27	4	10	56.3	34	1.0	117	36.7	B	2.7	8.0 R	ONTARIO	
27	4	11	32.8	33	57.8	117	38.4	B	2.4	8.0 R	CORONA	
27	4	15	52.5	33	58.5	117	37.7	B	2.7	8.0 R	CORONA	
27	5	2	48.9	34	4.5	117	35.0	D	1.7	3.4	ONTARIO	
27	10	9	25.8	34	21.3	118	31.0	D	1.7	2.2	SANTA SUSANA	
28	13	2	8.3	34	25.9	118	23.0	B	1.7	8.0 R	SAN FERNANDO	
FELT SAUGUS												
29	4	39	51.8	34	3.9	116	58.9	A	2.3	8.0 R	SAN GORGONIO MTN	
29	5	48	46.6	33	49.4	117	3.3	A	2.4	8.0 R	PERRIS	
29	7	32	15.5	34	10.0	117	48.1	D	1.7	7.3	FONTANA	
29	14	13	41.2	31	57.2	117	30.3	C	4.3	8.0 R	CONTINENTAL SHELF	M
FELT SAN DIEGO AREA												
30	17	1	29.1	33	54.0	117	39.7	D	2.5	5.9	CORONA	

OCT, 1972

1	6	58	46.6	34	14.0	117	38.7	C	1.7	7.2	ONTARIO
1	6	58	59.3	34	10.7	117	43.3	D	1.7	5.0	ONTARIO
1	18	1	46.8	34	27.0	118	11.8	C	1.7	5.0	ACTON
2	4	41	56.3	33	58.5	117	44.5	D	1.7	9.3	CORONA
2	7	40	47.6	34	22.2	118	26.8	B	1.7	6.2	SAN FERNANDO
2	15	46	24.4	34	5.7	118	15.9	A	2.4	8.0 R	SANTA MONICA
FELT NORTH HOLLYWOOD AND GLENDALE											
3	11	32	10.7	34	21.0	118	21.3	B	1.7	3.0	SAN FERNANDO
5	13	53	35.0	34	24.5	118	39.9	C	1.7	5.0	SANTA SUSANA
5	21	51	31.0	35	3.4	118	22.4	B	2.9	8.0 R	TEHACHAPI
6	11	8	3.9	35	15.1	118	29.9	A	3.0	8.0 R	EMERALD MTN
6	20	43	12.0	34	22.4	118	21.8	A	2.4	8.0 R	SAN FERNANDO
7	6	3	9.8	34	2.5	117	36.3	C	2.3	4.9	ONTARIO
8	2	15	10.5	34	1.7	117	36.8	A	2.5	8.0 R	ONTARIO
8	11	47	17.5	34	13.3	117	28.0	A	3.5	8.0 R	SAN BERNARDINO
FELT SAN BERNARDINO AREA											
8	17	10	21.6	34	25.1	118	33.8	C	1.7	6.7	SANTA SUSANA
8	21	51	24.2	34	0.2	118	1.1	C	1.7	5.0	PASADENA
10	7	53	52.0	34	17.3	118	20.0	A	2.0	8.0 R	SAN FERNANDO
10	13	0	34.2	34	23.5	118	26.6	D	1.7	5.8	SAN FERNANDO
11	6	56	46.5	34	14.8	117	26.2	C	1.7	5.2	SAN BERNARDINO
11	7	12	14.5	34	1.2	116	45.2	A	2.7	8.0 R	SAN GORGONIO MTN
11	7	49	53.4	34	20.6	118	25.0	B	1.7	2.5	SAN FERNANDO
11	18	45	28.9	34	17.7	117	49.7	C	1.7	5.0	VALYERMO
12	3	6	5.1	34	12.0	117	36.3	C	1.7	6.9	ONTARIO
12	6	53	10.6	34	19.0	118	17.7	C	1.7	5.9	SAN FERNANDO
12	6	46	12.0	34	24.7	118	22.6	A	2.5	9.9	SAN FERNANDO
15	18	22	32.8	33	21.2	116	49.8	B	2.2	8.0 R	PALOMAR MTN
16	3	32	48.6	34	1.8	117	15.3	A	2.4	8.0 R	SAN BERNARDINO

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, OCT, 1972

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE	
16	7	48	21.4	34	21.4	118 20.8	C	1.7	3.0	SAN FERNANDO
16	10	36	2.3	34	26.5	118 24.1	A	2.8	8.0	K SAN FERNANDO
16	12	34	14.2	33	49.1	118 23.4	A	3.4	12.7	REDONDO
FELT REDONDO BEACH AND SAN PEDRO										
17	0	23	48.1	34	23.3	118 20.4	A	2.3	-1.5	SAN FERNANDO
17	4	17	27.9	33	17.5	115 43.1	B	2.6	8.0	R FRANK
17	4	21	11.9	32	54.4	115 46.7	B	2.8	8.0	K PLASTER CITY
17	19	39	36.7	34	4.8	117 16.5	A	2.1	8.0	K SAN BERNARDINO
18	0	24	4.5	34	45.0	116 25.2	B	2.1	8.0	K CADDY MTS
18	13	9	58.4	34	22.2	118 23.4	C	1.7	7.1	SAN FERNANDO
18	22	41	56.8	34	3.2	118 38.2	D	1.7	5.6	CALABASAS
19	13	26	45.9	32	52.6	116 15.2	B	3.5	8.0	R MT LAGUNA
19	13	41	25.7	34	24.9	118 35.8	C	1.7	0.8	SANTA SUSANA
19	13	42	45.7	34	25.7	118 34.1	C	1.7	1.5	SANTA SUSANA
20	0	3	38.0	34	24.8	118 25.1	C	3.6	0.3	SAN FERNANDO
20	5	16	13.4	34	9.6	117 27.6	C	1.7	6.9	SAN BERNARDINO
20	17	53	24.5	34	1.6	117 36.8	A	3.0	3.0	ONTARIO
FELT ONTARIO										
21	0	3	39.0	34	24.6	118 25.4	A	3.6	8.6	SAN FERNANDO
FELT SAN FERNANDO VALLEY										
21	0	7	44.3	34	22.7	118 25.0	C	1.7	7.2	SAN FERNANDO
21	0	7	45.7	34	23.5	118 25.1	A	2.0	5.6	SAN FERNANDO
21	0	41	51.5	34	21.9	118 24.5	C	1.7	5.2	SAN FERNANDO
21	12	53	7.6	34	2.0	117 38.2	A	2.8	2.2	ONTARIO
21	12	43	2.7	34	2.4	117 18.8	C	1.7	6.6	SAN BERNARDINO
FELT ONTARIO										
21	15	45	14.6	34	5.6	117 48.0	D	1.7	5.7	FONTANA
21	19	53	52.6	34	18.0	117 26.5	D	2.5	5.0	HESPERA
21	20	27	34.9	34	11.7	117 36.0	C	1.7	7.6	ONTARIO
22	5	8	23.2	34	1.1	117 42.0	C	2.1	5.0	ONTARIO
22	12	40	38.0	33	59.8	117 36.5	A	2.6	-1.0	CORONA
22	12	50	23.8	33	46.1	118 6.5	C	1.7	1.1	DOWNNEY
23	1	59	56.9	34	11.7	117 31.7	C	1.7	5.0	ONTARIO
25	5	24	58.8	34	2.1	117 39.0	D	1.7	5.6	ONTARIO
25	7	8	44.2	34	12.0	115 57.2	B	2.4	8.0	R VALLEY MTN
26	7	18	12.4	34	6.2	118 15.5	A	2.1	8.0	R SANTA MONICA
26	12	47	2.8	34	1.8	117 37.3	A	2.2	8.0	K ONTARIO
27	4	36	52.5	34	23.2	118 20.2	A	2.5	8.0	K SAN FERNANDO
27	4	37	51.5	34	22.0	118 20.2	C	2.5	4.7	SAN FERNANDO
27	8	15	25.3	34	23.5	118 25.8	B	2.0	8.0	K SAN FERNANDO
27	8	53	24.2	34	23.0	118 25.1	B	2.4	8.0	R SAN FERNANDO
27	19	49	28.1	35	5.0	116 23.2	A	3.1	8.0	R CAVE MTN
28	1	50	31.6	34	2.3	117 36.8	A	2.3	8.0	R ONTARIO
23	8	47	1.6	33	45.5	118 8.2	B	2.2	4.0	DOWNNEY
28	12	47	35.9	32	52.9	115 1.7	C	3.6	8.0	K GLAMIS
28	12	55	38.0	32	33.0	115 18.0	D	3.5	8.0	R CALEXICO
28	12	58	38.0	32	19.0	115 23.0	D	3.6	8.0	R SIERRA CUCAPA
28	13	7	49.0	32	34.0	115 20.0	D	3.6	8.0	R CALEXICO
28	13	15	50.0	32	53.0	115 0.0	D	3.1	8.0	R GLAMIS
28	13	22	50.0	32	19.0	115 23.0	D	4.0	8.0	R SIERRA CUCAPA
28	13	38	24.0	32	19.0	115 23.0	D	4.0	8.0	K SIERRA CUCAPA

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, OCT, 1972

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE
28	15	17	35.3	34	26.5	118 19.1	D	1.7	5.0 SAN FERNANDO
29	18	25	51.6	32	13.3	115 0.0	C	2.7	8.0 K SIERRA CUCAPA
30	2	46	6.0	34	16.5	118 24.2	C	1.7	7.7 SAN FERNANDO
30	19	25	4.5	34	2.7	117 38.3	C	2.4	5.4 ONTARIO
31	6	41	46.6	34	0.4	117 43.9	C	2.4	3.5 ONTARIO
31	7	35	18.3	33	51.9	117 58.8	C	2.4	5.0 ANAHEIM
31	9	56	10.0	33	15.1	116 51.4	B	3.2	8.0 R PALOMAR MTN
31	11	16	26.9	34	2.1	117 12.6	A	2.6	8.0 K REDLANDS
31	13	19	6.2	33	59.0	117 14.0	D	2.3	7.2 PERRIS
31	13	27	33.7	33	58.3	117 13.9	A	2.4	8.0 R PERRIS
31	21	58	32.1	32	52.8	115 29.2	B	2.5	8.0 K HOLTVILLE

NOV, 1972

2	21	58	31.0	34	21.8	118 16.5	D	1.7	6.3 SAN FERNANDO
3	22	53	23.5	33	59.8	118 2.2	C	2.8	5.0 DOWNEY
4	1	58	2.8	33	53.5	118 12.1	C	2.1	1.2 DOWNEY
4	4	28	2.5	33	55.2	118 16.4	C	1.7	5.0 REDONDO
4	7	16	44.0	33	41.9	116 40.7	A	3.0	8.0 R IDYLLWILD
5	11	34	11.1	34	14.3	119 40.4	B	2.6	8.0 R SANTA CRUZ I NE
6	23	35	43.7	34	25.2	118 24.7	D	1.7	7.6 SAN FERNANDO
7	10	14	45.4	34	9.9	117 29.1	D	1.7	6.7 SAN BERNARDINO
7	12	27	46.0	34	11.0	118 5.8	C	1.7	4.3 PASADENA
7	15	51	49.9	34	20.8	118 23.4	C	1.7	5.8 SAN FERNANDO
7	21	57	34.0	34	1.7	118 2.3	D	1.7	3.9 PASADENA
8	4	58	13.4	34	20.8	118 18.9	C	1.7	8.0 SAN FERNANDO
8	14	28	51.6	33	57.2	118 13.3	D	1.7	5.0 DOWNEY
9	5	24	8.5	32	59.0	115 52.8	A	2.6	8.0 R PLASTER CITY
9	13	12	52.4	34	21.2	118 26.8	C	1.7	5.0 SAN FERNANDO
9	21	6	0.9	33	14.1	116 50.2	B	2.3	8.0 R RAMONA
9	22	48	7.0	34	5.1	118 43.0	B	2.5	8.0 R CALABASAS
10	21	2	52.4	34	1.7	116 55.4	A	3.2	8.0 R SAN GORGONIO MTN
10	23	33	34.1	32	57.5	115 28.8	B	2.4	8.0 R HOLTVILLE
11	0	7	30.8	32	57.6	115 29.3	B	2.6	8.0 R HOLTVILLE
11	1	8	52.9	32	57.8	115 30.0	B	2.6	8.0 R BRAWLEY
11	3	6	31.0	32	58.3	115 30.4	B	3.2	8.0 R BRAWLEY
11	20	10	30.8	34	21.9	118 23.0	D	1.7	5.0 SAN FERNANDO
12	4	37	54.4	34	36.4	118 38.7	B	2.5	8.0 K LIEBRE MTN
12	9	53	1.3	34	1.9	117 35.3	A	2.7	8.0 R ONTARIO
12	9	53	1.3	34	1.9	117 36.1	A	2.7	8.0 R ONTARIO
12	23	1	17.2	34	23.5	118 26.3	C	1.7	7.4 SAN FERNANDO
12	1	18	12.7	36	3.5	117 38.8	A	2.9	8.0 R CUSO PEAK
12	6	22	41.0	34	37.3	118 39.8	D	1.7	5.0 LIEBRE MTN
12	15	3	23.0	34	7.3	117 24.4	D	1.7	5.0 SAN BERNARDINO
12	15	18	39.2	34	18.5	117 38.5	D	1.7	5.0 SAN ANTONIO
14	1	37	36.9	31	54.3	116 4.3	B	3.5	8.0 R SANTO TOMAS
14	3	39	53.1	34	18.5	118 18.6	C	1.7	5.0 SAN FERNANDO
14	7	25	53.5	36	3.2	117 38.9	B	2.2	8.0 R CUSO PEAK
14	11	7	50.8	34	34.1	118 11.1	A	2.9	8.0 R LANCASTER
FELT PALMDALE									
14	14	46	41.3	34	20.4	118 30.1	C	1.7	8.2 SANTA SUSANA

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, NOV, 1972

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE
15	0	37	53.4	34	22.0	118 22.4	C	1.7	5.3 SAN FERNANDO
15	1	10	13.1	33	54.5	116 16.4	A	2.4	8.0 K THOUSAND PALMS
15	6	58	59.7	33	53.9	117 52.1	A	2.2	8.0 R ANAHEIM
15	14	49	5.7	35	14.8	118 51.9	B	3.3	8.0 R COMANCHE POINT
FELT ARVIN-LAMONT AREA									
15	16	4	49.9	33	53.3	117 52.8	C	1.7	5.0 ANAHEIM
15	15	44	9.9	35	14.6	118 50.5	B	3.0	8.0 R COMANCHE POINT
15	20	51	17.4	31	51.6	116 39.4	B	4.0	8.0 R ENSENADA
16	1	42	14.6	34	1.6	117 35.8	A	2.2	8.0 R ONTARIO
16	6	32	59.7	34	32.4	118 29.6	D	1.7	5.0 BOUQUET RESERVOIR
16	7	14	50.4	34	1.7	117 35.1	A	2.1	8.0 K ONTARIO
16	7	52	48.1	34	13.5	118 34.5	D	1.7	3.7 CALABASAS
16	20	15	41.1	34	17.8	118 33.7	C	1.7	0.3 SANTA SUSANA
16	21	53	18.2	33	44.3	117 31.4	A	3.1	8.0 R SANTIAGO PEAK
FELT ONTARIO									
17	3	39	27.3	34	21.3	118 22.7	D	1.7	5.4 SAN FERNANDO
17	9	18	0.1	34	23.4	118 24.7	A	2.4	8.0 K SAN FERNANDO
17	10	25	48.4	34	17.9	118 34.4	C	1.7	1.3 SANTA SUSANA
17	18	27	57.1	35	54.9	116 15.6	B	2.6	8.0 R SHOSHONE
18	15	8	38.7	34	2.9	116 46.4	A	3.4	8.0 R SAN GORGONIO MTN
18	19	33	25.5	34	17.2	118 34.7	A	2.2	8.0 R SANTA SUSANA
18	20	17	9.5	34	23.7	118 25.6	A	2.3	8.0 K SAN FERNANDO
18	20	34	17.6	34	23.2	118 24.1	C	1.7	9.3 SAN FERNANDO
20	6	1	53.1	34	0.3	118 24.7	D	1.7	5.0 SANTA MONICA
20	6	56	5.6	34	4.2	117 16.9	B	2.3	8.0 R SAN BERNARDINO
20	8	4	58.3	34	21.4	118 10.4	D	1.7	5.0 ACTON
21	4	48	41.3	34	22.2	118 20.4	C	1.7	7.2 SAN FERNANDO
21	9	27	1.2	34	5.5	116 46.7	A	2.6	8.0 R SAN GORGONIO MTN
21	20	20	1.2	34	27.4	118 0.4	B	1.9	8.0 R ACTON
21	23	41	58.5	33	36.2	118 0.4	C	1.7	8.9 LAS BOLSAS
22	2	20	59.9	34	1.0	116 47.2	A	2.9	8.0 R SAN GORGONIO MTN
22	12	10	50.3	34	1.1	117 37.8	A	2.0	8.0 R ONTARIO
23	2	32	35.5	32	48.7	116 35.3	A	2.4	8.0 K CUYAMACA PEAK
23	14	4	55.5	34	28.0	118 24.8	C	1.7	9.8 SAN FERNANDO
23	14	5	24.5	34	24.8	118 24.1	C	1.7	1.6 SAN FERNANDO
23	14	36	7.1	34	26.2	118 21.2	C	1.7	8.1 SAN FERNANDO
23	16	13	13.4	34	24.3	118 32.0	C	1.7	0.0 SANTA SUSANA
23	18	23	41.2	34	25.9	118 29.7	D	1.7	1.3 SAN FERNANDO
23	18	56	48.1	34	25.0	118 31.3	C	2.5	5.0 SANTA SUSANA
24	2	51	26.4	32	57.3	117 53.4	B	2.8	8.0 R THIRTYMILE BANK
24	7	13	39.6	33	51.3	118 29.8	D	1.7	6.3 REDCNOO
24	13	2	8.2	34	32.3	118 37.8	D	1.7	4.6 LIEBRE MTN
24	20	4	4.4	34	23.5	118 28.6	D	1.7	7.7 SAN FERNANDO
24	23	16	10.8	33	38.5	117 50.8	D	1.7	2.7 SANTA ANA
25	0	5	35.9	34	1.5	117 36.1	A	2.8	8.0 R ONTARIO
25	3	20	2.9	34	0.7	117 36.0	A	2.7	8.0 R ONTARIO
25	3	21	48.2	33	56.4	117 51.2	D	1.7	3.1 ANAHEIM
25	3	24	59.7	34	1.0	117 36.1	A	3.0	8.0 R ONTARIO
25	6	57	38.2	34	1.0	117 35.8	A	3.4	8.0 R ONTARIO
FELT ONTARIO									
25	7	2	6.5	34	0.9	117 36.4	A	3.5	8.0 R ONTARIO
FELT ONTARIO									

M

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, NOV, 1972

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE
25	7	7	39.6	34	1.0	117 36.3	A	3.2	8.0 R ONTARIO
									FELT CNTARIO
25	7	45	57.9	34	0.3	117 43.2	C	1.7	5.3 ONTARIO
25	7	48	38.2	33	52.8	117 58.6	C	1.7	6.5 ANAHEIM
25	7	49	20.0	34	2.4	117 39.2	D	1.7	5.6 ONTARIO
25	8	6	8.0	34	1.8	117 39.4	C	1.7	5.8 ONTARIO
25	8	14	23.5	34	1.7	117 40.2	D	1.7	5.8 ONTARIO
25	8	22	14.4	34	1.9	117 36.4	A	2.6	8.0 R ONTARIO
25	8	22	47.5	34	3.2	117 35.3	A	2.6	8.0 R ONTARIO
25	8	36	28.5	33	18.1	117 59.3	A	2.3	8.0 R GULF OF SANTA CATALINA
25	11	21	32.4	33	59.2	117 39.5	B	2.9	8.0 R CORONA
25	19	31	39.2	36	39.0	118 0.2	B	2.6	8.0 R LONE PINE
26	0	13	10.2	34	24.7	118 35.8	D	1.7	0.9 SANTA SUSANA
26	0	59	1.9	34	1.0	117 35.9	B	2.6	8.0 R ONTARIO
26	3	23	6.9	33	59.3	117 37.4	D	1.7	8.6 CORONA
26	4	32	4.7	34	22.6	118 23.5	C	1.7	8.5 SAN FERNANDO
26	5	19	4.7	34	17.8	118 34.5	C	1.7	1.3 SANTA SUSANA
26	6	57	17.5	34	16.3	117 0.3	A	2.8	8.0 R LAKE ARROWHEAD
27	2	30	15.8	34	22.0	118 22.1	C	1.7	5.5 SAN FERNANDO
27	9	30	29.8	34	1.9	117 37.4	A	2.6	8.0 R ONTARIO
27	11	4	15.3	34	2.3	117 36.6	A	2.3	8.0 R ONTARIO
27	20	40	25.8	34	19.1	118 18.5	B	2.3	8.0 R SAN FERNANDO
28	1	13	46.3	32	48.6	116 33.1	A	2.2	8.0 R CUYAMACA PEAK
28	4	18	0.3	33	53.0	118 16.9	A	2.3	8.0 R REDONDO
									FELT GARDENA AND VENICE
28	8	55	44.9	34	2.1	117 36.9	A	2.0	8.0 R ONTARIO
28	13	15	31.8	33	35.1	116 37.6	B	2.1	8.0 R IDYLLWILD
28	16	18	59.1	33	35.0	116 38.2	A	2.7	8.0 R IDYLLWILD
28	19	31	48.9	34	14.4	118 27.3	C	1.7	5.0 SANTA MONICA
29	21	25	37.2	32	11.6	115 45.6	C	2.4	8.0 R LAGUNA SALADA
29	22	50	36.1	35	5.1	118 22.1	B	2.2	8.0 R TEHACHAPI
30	6	17	7.6	34	24.4	118 23.2	A	2.0	8.0 R SAN FERNANDO

DEC, 1972

1	1	42	26.9	34	34.0	118 47.7	B	2.6	8.0 R ALAMO MTN
2	3	39	36.9	32	35.8	115 15.7	C	2.6	8.0 R CALEXICO
2	5	3	0.6	34	2.7	117 39.6	C	1.7	5.3 ONTARIO
3	14	19	43.2	34	15.7	117 45.8	D	1.7	5.8 VALYERMO
3	15	15	40.4	34	25.0	118 25.1	C	1.7	5.0 SAN FERNANDO
3	16	2	52.6	33	54.2	117 46.8	C	1.7	5.0 ANAHEIM
4	3	2	44.7	33	14.2	116 4.5	A	3.2	8.0 R BURREGO MTN
5	3	0	37.0	34	22.2	118 23.4	C	1.7	5.6 SAN FERNANDO
6	10	56	31.7	35	49.3	117 40.0	A	2.6	8.0 R MOUNTAIN SPRINGS CANYON
6	14	28	35.6	34	21.5	118 24.6	D	1.7	5.0 SAN FERNANDO
9	1	7	27.4	34	16.1	118 19.4	C	1.7	5.5 SAN FERNANDO
10	5	5	51.4	34	15.4	118 35.6	C	1.7	6.6 SANTA SUSANA
10	9	59	38.6	34	2.2	117 35.1	A	1.8	8.0 R ONTARIO
10	10	22	10.1	33	60.0	117 36.2	A	3.2	8.0 R CORONA
10	10	54	26.1	34	2.2	117 35.5	A	2.1	8.0 R ONTARIO
10	11	14	44.6	34	1.2	117 36.4	A	2.0	8.0 R ONTARIO

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, DEC, 1972

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE
11	3	32	43.2	34	2.0	117 37.8	A	2.0	8.0 R ONTARIO
12	11	23	21.7	34	21.8	118 23.5	B	1.7	5.0 SAN FERNANDO
12	18	49	10.0	33	59.8	118 27.2	C	1.7	9.2 REDONDO
13	5	4	19.9	34	1.4	117 36.4	A	3.1	8.0 R ONTARIO
									FELT ONTARIO
13	5	12	55.8	34	1.1	117 36.6	A	3.4	8.0 R ONTARIO
									FELT ONTARIO
15	11	29	13.9	34	9.1	117 28.3	D	1.7	5.6 SAN BERNARDINO
16	13	5	26.3	33	35.0	117 50.8	D	1.7	7.3 SANTA ANA
18	1	59	37.4	32	37.8	117 13.4	B	2.5	8.0 R SAN DIEGO
18	5	52	32.4	33	14.4	116 4.1	A	3.2	8.0 R BURKEGU MTN
18	10	56	49.8	35	16.4	118 29.8	B	2.9	8.0 R EMERALD MTN
18	22	8	4.9	32	51.8	115 59.4	A	2.8	8.0 R PLASTER CITY
19	22	31	59.4	33	59.7	116 3.1	B	2.0	8.0 R LOST HORSE MTN
19	22	32	21.9	33	58.7	116 3.6	B	3.8	8.0 R LOST HORSE MTN
20	1	44	14.5	34	9.0	118 7.4	D	1.7	5.0 PASADENA
20	23	19	49.1	34	23.5	118 35.8	D	1.7	5.0 SANTA SUSANA
21	2	37	55.2	35	58.9	117 41.5	B	3.9	8.0 R MOUNTAIN SPRINGS CANYON
									FELT LITTLE LAKE
21	2	50	7.3	35	57.8	117 46.1	A	3.3	8.0 R LITTLE LAKE
21	2	56	37.2	36	0.1	117 44.8	B	3.3	8.0 R CUSO PEAK
21	5	11	24.6	34	21.9	118 20.6	C	1.7	5.9 SAN FERNANDO
21	5	15	54.0	35	56.3	117 41.3	B	3.6	8.0 R MOUNTAIN SPRINGS CANYON
21	10	31	27.6	35	58.6	117 42.2	B	3.7	8.0 R MOUNTAIN SPRINGS CANYON
21	17	43	10.1	34	23.5	118 24.8	D	1.7	0.5 SAN FERNANDO
22	0	52	35.6	35	58.8	117 46.0	B	2.9	8.0 R LITTLE LAKE
22	2	37	3.8	35	57.9	117 45.5	B	2.6	8.0 R LITTLE LAKE
22	2	37	44.6	36	4.3	117 34.6	B	3.2	8.0 R CUSO PEAK
22	11	28	36.1	34	6.1	116 46.1	A	3.4	8.0 R SAN GORGONIO MTN
22	13	6	28.3	34	1.4	118 30.2	C	2.2	9.1 CALABASAS
24	14	9	31.8	34	22.2	118 23.2	C	1.7	6.8 SAN FERNANDO
24	17	23	0.9	33	49.3	117 28.6	C	1.7	6.7 RIVERSIDE
25	2	19	37.1	33	50.4	118 39.1	D	1.7	5.0 SANTA MONICA BAY
25	12	39	17.3	34	25.7	118 26.0	C	1.7	5.0 SAN FERNANDO
25	16	24	36.6	35	59.7	118 0.3	A	2.9	8.0 R LAMONT PEAK
26	14	41	20.9	35	56.7	117 46.9	B	2.4	8.0 R LITTLE LAKE
28	19	49	36.3	33	29.8	116 31.4	A	3.1	8.0 R WARNER SPRINGS
28	20	7	25.1	33	29.7	116 30.9	A	3.1	8.0 R WARNER SPRINGS
29	20	24	0.4	33	56.5	118 24.2	C	1.7	5.0 REDONDO
30	0	37	49.3	32	35.4	116 25.2	C	2.5	8.0 R CAMPO
30	18	1	41.0	34	3.9	117 36.2	C	2.4	8.8 ONTARIO
31	2	0	56.4	34	15.2	118 29.2	D	1.7	5.0 SAN FERNANDO
31	6	6	39.3	31	57.5	116 13.5	C	2.6	8.0 R SANTO TOMAS
31	15	25	29.9	34	11.2	117 34.5	C	1.7	9.6 ONTARIO

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, JAN, 1973

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE		
1	0	55	55.2	34	10.3	117 32.7	C	1.7	5.0	ONTARIO	
2	2	45	48.6	33	37.4	117 19.1	A	3.1	8.0	R LAKE ELSINORE	
3	0	59	38.2	34	49.0	116 19.3	B	2.6	8.0	K CADY MTS	
3	3	21	53.9	31	34.5	115 43.0	C	3.7	8.0	K SIERRA JUAREZ SE	M
3	6	30	44.3	32	36.4	115 16.2	A	2.3	8.0	K CALEXICO	
3	22	47	23.4	34	22.7	118 24.3	B	1.7	8.7	SAN FERNANDO	
3	22	52	49.7	34	25.7	118 24.1	D	1.7	3.1	SAN FERNANDO	
4	3	37	48.0	33	59.9	117 12.9	C	1.7	7.3	PERRIS	
4	20	31	8.8	34	9.5	119 35.4	B	2.6	8.0	K SANTA CRUZ I NE	
4	20	55	18.8	34	13.1	118 13.2	C	1.7	4.4	PASADENA	
5	1	6	35.7	32	23.1	115 14.0	C	2.7	8.0	K SIERRA CUCAPA	M
5	6	37	45.1	31	41.2	115 44.2	C	3.5	8.0	K SIERRA JUAREZ SE	M
5	14	11	33.3	33	37.3	117 56.1	C	1.7	0.8	SANTA ANA	
6	0	5	26.0	31	42.8	115 52.2	C	3.2	8.0	R SIERRA JUAREZ SE	M
6	0	33	27.2	33	51.6	117 30.2	C	1.7	5.0	CORONA	
6	0	57	53.1	32	41.3	116 23.8	B	2.1	8.0	R CAMPO	
6	1	44	14.3	34	37.7	118 45.4	B	2.4	8.0	R ALAMO MTN	
6	8	7	35.5	34	22.1	117 37.9	D	1.7	5.9	SAN ANTONIO	
7	3	51	39.1	33	54.8	118 39.2	D	2.2	5.0	SANTA MONICA BAY	
8	7	38	27.1	34	1.6	117 36.6	A	3.0	8.0	R ONTARIO	
8	9	5	40.6	34	12.9	117 30.7	C	1.7	5.5	ONTARIO	
8	23	50	38.0	33	41.2	117 18.5	C	1.7	6.4	LAKE ELSINORE	
9	7	34	59.2	34	21.5	118 16.8	D	1.7	7.9	SAN FERNANDO	
9	10	3	34.9	34	2.2	118 2.9	C	1.7	1.5	PASADENA	
9	12	59	10.9	31	22.0	115 45.2	C	4.2	8.0	R VALLE TRINIDAD	M
9	14	17	31.9	34	0.7	117 35.1	C	1.7	6.2	ONTARIO	
10	6	9	36.1	34	0.9	117 33.9	D	1.7	8.6	ONTARIO	
10	11	35	49.1	33	56.8	117 33.8	D	1.7	6.0	CORONA	
11	4	48	20.7	33	46.9	118 8.8	C	1.7	5.0	DOWNNEY	
11	11	44	44.0	34	13.3	117 35.7	D	1.7	8.9	ONTARIO	
11	19	53	48.4	35	43.6	118 3.5	B	2.5	8.0	R UNYX	
12	3	56	35.0	33	0.3	117 52.6	B	3.0	8.0	K GULF OF SANTA CATALINA	
13	0	34	19.7	32	42.5	116 23.7	B	2.0	8.0	K CAMPO	
13	6	52	10.0	34	11.7	117 47.6	C	1.7	5.0	FONTANA	
13	12	23	35.8	31	39.3	116 13.6	C	3.4	8.0	R SANTO TOMAS	M
13	12	34	37.5	34	17.0	117 38.8	D	1.7	5.5	SAN ANTONIO	
13	14	5	38.1	34	21.1	118 25.2	B	1.7	7.7	SAN FERNANDO	
13	18	46	21.0	33	28.4	116 27.5	A	3.3	8.0	K CLARK LAKE	
13	19	36	5.6	33	28.3	116 27.8	A	2.6	8.0	K CLARK LAKE	
13	21	37	54.0	33	27.6	116 28.4	A	2.5	8.0	K CLARK LAKE	
13	21	38	41.4	33	28.0	116 28.1	A	2.5	8.0	K CLARK LAKE	
14	3	5	41.3	35	46.0	118 2.3	B	2.7	8.0	K LAMONT PEAK	
14	4	44	11.1	34	26.7	118 22.6	C	2.4	8.0	SAN FERNANDO	
14	6	53	32.5	34	3.7	117 2.5	C	1.7	4.2	REDLANDS	
14	7	52	27.1	33	54.2	117 45.6	C	1.7	5.0	ANAHEIM	
15	4	52	36.6	34	24.2	118 7.8	C	1.7	5.0	ACTON	
15	20	3	3.3	34	23.5	118 24.1	D	1.7	9.6	SAN FERNANDO	
16	0	11	43.9	32	39.1	115 56.2	B	3.0	8.0	R COYOTE WELLS	
16	13	29	38.6	34	24.8	118 23.5	D	1.7	0.1	SAN FERNANDO	
16	13	38	27.0	34	8.6	117 26.7	A	2.3	8.0	R SAN BERNARDINO	
16	14	35	31.6	34	23.5	118 24.1	C	1.7	9.0	SAN FERNANDO	

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, JAN, 1973

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE
16	22	44	45.6	34	6.1	117 28.8	D	1.7	5.5 SAN BERNARDINO
18	3	19	22.3	34	27.3	118 4.6	B	2.2	8.0 R ACTON
18	15	31	19.1	35	56.3	117 45.8	C	2.7	8.0 R LITTLE LAKE
18	19	21	35.7	34	1.9	117 32.9	A	2.7	8.0 R ONTARIO
19	15	16	38.8	34	3.4	117 18.7	D	1.7	9.7 SAN BERNARDINO
19	23	13	2.7	34	26.4	118 24.8	C	1.7	1.4 SAN FERNANDO
20	11	22	33.6	33	4.4	117 34.1	A	2.5	8.0 R GULF OF SANTA CATALINA
21	1	12	27.0	34	57.3	116 43.1	B	2.3	8.0 R NEWBERRY
21	16	27	33.7	34	1.4	117 35.6	C	1.7	9.9 ONTARIO
22	10	7	27.9	34	9.6	117 32.6	C	1.7	8.6 ONTARIO
22	10	24	29.2	33	15.4	116 14.2	A	3.0	8.0 R RABBIT PEAK
22	13	28	0.0	34	5.2	117 19.4	C	1.7	5.4 SAN BERNARDINO
23	0	5	20.3	34	1.9	117 36.6	A	2.7	8.0 R ONTARIO
23	6	30	38.1	33	19.5	116 21.8	A	2.9	8.0 R CLARK LAKE
23	13	5	37.6	36	0.4	120 23.8	B	3.5	8.0 R COALINGA *
23	15	18	45.5	34	3.5	117 18.6	D	1.7	9.6 SAN BERNARDINO
23	15	19	22.8	34	2.7	117 20.0	C	1.7	5.7 SAN BERNARDINO
23	17	29	28.6	34	1.9	117 36.3	A	2.6	8.0 R ONTARIO
23	21	1	8.5	34	8.0	117 24.0	C	1.7	6.0 SAN BERNARDINO
24	0	41	26.6	32	47.9	116 38.1	B	1.8	8.0 R CUYAMACA PEAK
24	1	33	26.2	34	45.9	116 21.0	B	2.7	8.0 R CADY MTS
24	1	41	20.8	32	48.5	116 35.4	A	2.3	8.0 R CUYAMACA PEAK
25	5	25	5.7	34	20.4	118 17.0	D	1.7	6.1 SAN FERNANDO
25	10	27	20.7	34	2.4	117 35.3	D	1.7	5.6 ONTARIO
25	15	18	6.9	31	57.7	116 46.2	B	2.5	8.0 R ENSENADA
25	22	37	58.6	31	57.2	116 44.6	A	3.0	8.0 R ENSENADA M
26	0	34	47.6	32	43.9	116 26.8	A	2.6	8.0 R CAMPO
27	0	38	5.7	32	41.7	116 23.8	B	2.0	8.0 R CAMPO
27	2	7	37.8	34	26.9	118 35.8	D	1.7	1.6 SANTA SUSANA
27	9	0	31.5	33	58.5	117 13.4	D	1.7	5.7 PERRIS
27	12	42	4.2	34	27.5	118 24.7	C	1.7	8.8 SAN FERNANDO
27	12	52	29.0	34	21.8	118 24.8	C	1.7	7.8 SAN FERNANDO
27	13	42	19.0	34	23.5	118 24.1	C	1.7	8.8 SAN FERNANDO
27	13	45	47.3	34	20.2	118 25.3	D	1.7	0.8 SAN FERNANDO
27	13	48	51.3	34	26.5	118 24.9	A	3.7	8.0 R SAN FERNANDO
FELT NEWHALL SAUGUS AND LOS FELIZ DISTRICT									
27	13	54	46.9	34	23.5	118 24.1	C	1.7	9.5 SAN FERNANDO
27	13	55	14.4	34	26.5	118 26.0	A	3.5	8.0 R SAN FERNANDO
27	13	58	44.2	34	23.0	118 25.7	C	1.7	0.1 SAN FERNANDO
27	13	59	45.4	34	27.0	118 24.7	C	1.7	0.6 SAN FERNANDO
27	14	0	30.1	34	26.8	118 24.8	C	1.7	0.0 SAN FERNANDO
27	14	28	20.6	34	27.3	118 24.9	C	1.7	0.2 SAN FERNANDO
27	14	31	50.3	33	43.8	117 24.0	D	1.7	9.4 LAKE ELSINORE
27	14	32	46.8	34	23.5	118 24.1	C	1.7	9.6 SAN FERNANDO
27	21	54	51.3	31	43.6	116 23.1	C	2.9	8.0 R SANTO TOMAS M
28	1	12	16.4	36	22.1	117 49.8	B	2.7	8.0 R KEELER
28	2	20	2.4	32	58.1	115 52.1	B	2.4	8.0 R PLASTER CITY
28	6	3	21.1	34	22.9	118 25.4	C	1.7	9.5 SAN FERNANDO
28	7	24	49.0	34	8.8	117 25.3	D	1.7	5.8 SAN BERNARDINO
28	12	44	6.6	34	27.5	118 26.3	A	2.3	8.0 R SAN FERNANDO
28	13	56	58.2	34	3.6	117 26.5	C	1.7	9.7 SAN BERNARDINO

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, JAN, 1973

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE		
28	14	5	23.3	34	8.7	117 25.5	D	1.7	5.9	SAN BERNARDINO	
28	19	30	18.2	33	42.8	118 35.8	D	2.4	6.3	SAN PEDRO CHANNEL	
29	3	31	54.5	34	21.6	118 22.7	D	1.7	4.2	SAN FERNANDO	
29	6	25	50.3	34	11.5	118 12.2	C	1.7	6.4	PASADENA	
29	21	37	53.6	31	36.5	115 53.5	C	4.0	8.0	R SIERRA JUAREZ SE	M
30	2	51	48.8	33	49.9	115 48.7	B	2.7	8.0	R HEXIE MTNS	
30	10	44	13.1	33	47.0	115 55.8	A	2.6	8.0	R HEXIE MTNS	
30	22	39	36.3	34	6.4	117 34.0	D	1.7	4.8	ONTARIO	
31	0	14	40.2	35	11.5	117 21.0	B	2.7	8.0	R FREMONT PEAK	
31	7	36	36.5	34	16.4	118 18.3	C	1.7	5.5	SAN FERNANDO	
31	9	12	8.2	34	7.1	117 34.2	C	1.7	6.6	ONTARIO	
31	16	43	49.8	34	22.1	118 21.9	D	1.7	0.0	SAN FERNANDO	

FEB, 1973

1	8	12	31.6	34	27.0	118 5.5	A	2.0	8.0	R ACTON	
1	8	27	22.6	35	19.9	118 35.8	B	2.2	8.0	R BRECKENRIDGE MTN	
1	8	45	18.7	32	34.3	115 28.4	C	2.6	8.0	R CALEXICO	
1	11	53	35.9	34	7.1	117 27.8	A	2.7	8.0	R SAN BERNARDINO	
3	0	37	51.6	32	31.6	116 28.9	C	2.6	8.0	R CAMPO	
3	22	46	59.9	34	20.8	118 21.4	C	1.7	3.0	SAN FERNANDO	
3	22	57	49.9	34	20.3	118 21.2	C	1.7	0.5	SAN FERNANDO	
3	23	45	12.6	34	3.2	116 44.4	A	3.0	8.0	R MURONGO VALLEY	
4	2	30	50.3	34	24.4	118 21.4	A	3.2	8.0	R SAN FERNANDO	
FELT GLENDALE											
4	5	16	42.3	34	37.8	118 38.0	D	1.7	7.0	LIEBRE MTN	
5	1	37	45.6	34	26.1	118 22.2	A	3.5	8.0	R SAN FERNANDO	
FELT SAUGUS											
5	3	11	15.6	34	20.8	118 19.1	C	1.7	6.3	SAN FERNANDO	
5	7	22	4.3	34	21.4	118 22.1	C	1.7	4.2	SAN FERNANDO	
5	8	14	41.8	34	20.5	118 24.3	B	1.7	3.4	SAN FERNANDO	
5	15	7	39.0	34	9.5	118 27.3	D	1.7	5.0	SANTA MONICA	
5	15	50	3.6	34	4.8	117 34.4	D	1.7	3.2	ONTARIO	
5	18	29	37.7	34	11.0	118 15.8	B	1.7	3.4	SANTA MONICA	
6	1	1	0.5	33	36.0	118 21.3	B	3.5	8.0	R SAN PEDRO	
6	1	5	2.8	34	25.5	118 24.1	C	1.7	9.6	SAN FERNANDO	
6	13	39	2.8	34	22.0	118 22.9	C	1.7	7.9	SAN FERNANDO	
7	16	55	21.0	34	18.3	118 15.2	C	1.7	4.7	SAN FERNANDO	
8	16	38	16.3	33	59.8	118 40.4	B	3.3	8.0	R SANTA MONICA BAY	
FELT MALIBU											
8	19	34	14.5	34	22.3	118 18.9	D	1.7	9.4	SAN FERNANDO	
8	22	28	28.9	34	20.9	118 24.3	B	1.7	4.0	SAN FERNANDO	
9	7	41	5.6	34	8.1	116 8.4	B	3.2	8.0	R TWENTYNINE PALMS	
9	12	50	21.8	33	43.9	116 44.3	A	2.7	8.0	R IDYLLWILD	
9	20	50	46.3	34	22.8	116 49.4	A	2.7	8.0	R LUCERNE VALLEY	
9	22	19	52.1	34	12.9	116 53.3	A	2.9	8.0	R SAN GORGONIO MTN	
9	23	10	36.6	36	41.7	115 53.5	C	4.0	8.0	R MERCURY	* N
10	0	31	47.1	33	51.4	117 29.9	C	1.7	6.9	RIVERSIDE	
10	16	49	26.0	33	51.3	118 40.1	D	1.7	5.0	SANTA MONICA BAY	
10	21	7	4.3	34	11.9	116 55.1	D	1.7	5.8	SAN GORGONIO MTN	
10	22	54	38.9	33	58.8	118 43.9	C	1.7	4.0	SANTA MONICA BAY	

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, FEB, 1973

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE	
11	4	49	22.4	34	22.0	118 24.1 B	1.7	6.1	SAN FERNANDO	
12	2	40	1.8	34	21.2	118 30.3 A	2.5	8.0 R	SANTA SUSANA	
12	14	23	1.1	35	14.0	118 35.1 B	2.6	8.0 R	CUMMINGS MTN	
12	14	31	27.5	36	9.3	118 7.8 B	3.0	8.0 K	MONACHE MTN	
13	2	13	27.7	34	22.2	118 21.9 B	1.7	7.3	SAN FERNANDO	
13	15	27	38.4	34	21.1	116 50.0 B	2.8	8.0 R	LUCERNE VALLEY	
15	13	33	20.3	32	41.3	115 52.7 B	2.4	8.0 R	COYOTE WELLS	
15	14	3	59.3	34	26.8	118 24.3 B	2.5	8.0 R	SAN FERNANDO	
16	5	5	21.6	34	20.8	118 20.0 D	1.7	5.2	SAN FERNANDO	
16	5	12	7.8	34	14.4	117 38.8 C	1.7	9.7	ONTARIO	
16	6	14	32.7	34	7.6	117 23.2 C	1.7	7.8	SAN BERNARDINO	
17	6	40	35.5	34	23.0	118 24.1 B	1.7	9.1	SAN FERNANDO	
17	8	3	31.1	34	22.8	118 24.1 B	1.7	7.9	SAN FERNANDO	
17	11	9	59.5	37	31.2	118 24.9 B	4.0	8.0 R	WHITE MTN SW	
17	14	58	27.4	31	29.1	116 49.1 C	2.7	8.0 R	CONTINENTAL SHELF	M
17	16	12	55.9	33	49.2	118 33.9 D	1.7	5.0	SANTA MONICA BAY	
18	5	20	41.0	33	22.7	116 56.8 A	2.3	8.0 R	PALOMAR MTN	
18	6	21	13.6	33	22.8	116 58.0 A	2.5	8.0 R	PALOMAR MTN	
18	8	32	34.5	33	22.8	116 57.2 A	2.7	8.0 R	PALOMAR MTN	
18	18	4	45.5	36	49.2	115 55.7 B	4.0	8.0 R	FRENCHMAN LAKE	* N
19	3	10	44.2	36	43.0	115 56.3 B	3.0	8.0 R	MERCURY	* N
19	11	15	22.4	36	48.6	115 46.6 B	4.1	8.0 R	FRENCHMAN LAKE	* N
19	11	18	42.2	36	46.3	115 36.9 B	3.0	8.0 R	INDIAN SPRING-1	* N
19	11	26	51.2	36	49.0	115 43.3 B	3.7	8.0 R	INDIAN SPRING-1	* N
19	11	39	0.3	36	51.7	115 41.8 C	3.2	8.0 R	INDIAN SPRING-1	* N
19	12	22	31.3	36	52.2	115 41.4 C	3.1	8.0 R	INDIAN SPRING-1	* N
19	13	43	19.6	36	48.7	115 46.1 B	3.8	8.0 R	FRENCHMAN LAKE	* N
20	10	49	5.0	32	43.1	115 53.3 B	3.5	8.0 R	COYOTE WELLS	
20	14	33	46.8	34	26.0	118 24.4 C	1.7	9.7	SAN FERNANDO	
21	10	24	50.1	36	52.7	120 4.0 A	3.1	8.0 R	MADERA	*
21	14	45	57.3	34	3.9	119 2.1 B	5.9	8.0 R	HUENEME	
DAMAGE IN OXNARD FELT SAN LUIS OBISPO TO SAN DIEGO										
21	14	55	8.6	34	3.0	118 58.4 B	3.7	8.0 R	TRIUNFO PASS	
21	14	56	45.6	34	4.7	118 58.5 B	3.6	8.0 R	TRIUNFO PASS	
21	15	59	26.8	34	1.6	119 0.5 B	3.8	8.0 R	HUENEME	
21	23	55	2.5	34	1.0	118 57.5 B	3.3	8.0 R	TRIUNFO PASS	
22	0	14	41.7	34	0.8	118 55.5 B	3.4	8.0 R	TRIUNFO PASS	
22	4	16	47.3	34	4.8	119 0.1 B	3.0	8.0 R	HUENEME	
22	9	30	15.8	34	4.1	119 0.9 B	3.3	8.0 R	HUENEME	
22	12	42	58.4	34	8.4	117 27.6 D	1.7	5.8	SAN BERNARDINO	
22	15	22	47.1	33	60.0	118 59.9 B	2.8	8.0 R	OFF POINT DUME	
23	8	17	17.1	34	4.5	119 8.5 B	3.0	8.0 R	HUENEME	
23	12	32	35.9	33	44.5	117 59.9 C	1.7	9.7	SANTA ANA	
24	9	7	5.4	34	5.3	118 59.0 C	2.3	8.0 R	TRIUNFO PASS	
24	13	12	30.8	34	2.3	118 59.0 C	2.1	8.0 R	TRIUNFO PASS	
24	13	26	31.8	34	2.4	118 59.2 B	2.4	8.0 R	TRIUNFO PASS	
24	20	13	20.1	33	50.0	117 40.2 C	1.7	10.0	CORONA	
24	23	24	9.4	34	23.3	116 18.6 A	3.0	8.0 R	EMERSON LAKE	
25	5	41	41.9	33	15.0	116 47.4 A	3.4	8.0 R	PALOMAR MTN	
26	6	50	40.8	34	6.0	118 59.3 C	2.9	8.0 R	TRIUNFO PASS	
26	12	3	45.7	33	14.5	116 48.2 A	2.7	8.0 R	RAMONA	

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, FEB, 1973

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE
26	22	29	35.9	34	15.9	118	19.5	A 2.4	8.0 R SAN FERNANDO
27	2	10	22.6	34	1.3	119	1.0	B 2.6	8.0 R HUENEME
27	4	19	4.6	34	3.3	119	1.6	B 2.8	8.0 R HUENEME
28	12	36	10.3	34	2.1	119	1.9	B 2.8	8.0 R HUENEME

MAR, 1973

1	18	41	41.8	34	4.0	118	59.9	B 2.8	8.0 R TRIUNFO PASS	
2	2	51	41.2	34	5.0	116	47.0	B 2.8	8.0 R SAN GORGONIO MTN	
2	12	36	48.0	33	43.0	116	45.3	A 2.7	8.0 R HEMET	
2	13	45	47.1	35	39.9	118	25.8	B 2.4	8.0 R ISABELLA	
2	18	31	13.9	35	52.6	118	24.6	B 3.1	8.0 R KERNVILLE	
									FELT ISABELLA	
2	18	44	28.4	35	47.1	118	27.0	C 2.3	8.0 R KERNVILLE	
3	13	35	46.6	34	23.0	118	26.0	C 1.7	8.3 SAN FERNANDO	
3	14	15	35.1	34	18.5	118	17.9	D 1.7	5.7 SAN FERNANDO	
3	18	14	49.5	35	14.1	118	32.9	A 4.0	8.0 R CUMMINGS MTN	
									FELT ARVIN	
3	23	45	16.4	34	10.9	117	58.5	A 2.5	8.0 R FONTANA	
4	1	55	7.6	34	20.1	118	24.3	B 1.7	0.7 SAN FERNANDO	
5	12	55	59.8	34	2.0	119	0.1	A 3.4	8.0 R HUENEME	
									FELT CAMARILLO	
6	6	27	37.1	33	55.5	118	29.3	C 1.7	5.0 REDONDO	
6	19	45	18.0	34	21.1	118	22.0	D 1.7	3.4 SAN FERNANDO	
7	0	39	1.8	34	1.0	119	1.7	B 2.7	8.0 R HUENEME	
7	11	55	35.0	31	52.6	116	8.9	B 3.5	8.0 R SANTO TOMAS	M
7	12	13	25.5	33	53.8	117	7.2	C 1.7	1.5 PERRIS	
7	16	19	10.5	32	24.8	115	17.0	B 2.4	8.0 R SIERRA CUCAPA	M
7	18	3	14.1	34	18.3	117	42.6	B 2.8	8.0 R SAN ANTONIO	
7	22	48	34.6	35	4.9	118	22.2	B 2.5	8.0 R TEHACHAPI	
7	22	59	14.6	33	2.7	116	15.3	A 2.8	8.0 R BORREGO	
7	23	49	52.8	33	50.5	118	38.7	B 2.8	8.0 R SANTA MONICA BAY	
8	6	26	39.9	32	57.5	115	53.5	B 3.0	8.0 R PLASTER CITY	
8	10	35	6.4	34	26.8	118	36.3	C 1.7	5.7 SANTA SUSANA	
8	10	47	13.2	34	16.8	118	35.8	D 1.7	5.0 SANTA SUSANA	
9	13	39	11.5	34	22.1	118	23.6	C 1.7	7.3 SAN FERNANDO	
9	4	39	4.5	34	39.3	116	51.4	B 2.5	8.0 R OKD MTS	
9	7	19	0.0	32	39.3	115	52.2	B 2.8	8.0 R COYOTE WELLS	
9	8	55	32.9	35	23.0	118	30.1	B 2.8	8.0 R BRECKENRIDGE MTN	
9	23	37	33.6	34	23.5	118	23.8	C 1.7	8.6 SAN FERNANDO	
10	1	40	52.5	34	3.1	118	57.8	A 2.4	8.0 R TRIUNFO PASS	
10	5	1	45.1	34	21.7	118	22.5	B 1.7	5.8 SAN FERNANDO	
10	14	9	12.8	33	56.6	118	27.3	D 1.7	5.0 REDONDO	
10	15	9	25.5	34	17.4	117	16.1	A 2.0	8.0 R HESPERA	
11	9	10	49.0	34	5.7	117	14.4	A 2.4	8.0 R REDLANDS	
11	19	19	39.4	34	24.5	118	37.2	B 2.6	8.0 R SANTA SUSANA	
12	15	8	38.0	35	55.5	117	27.2	C 3.3	8.0 R TRONA	
14	22	29	7.7	33	47.9	117	37.9	D 1.7	5.3 CORONA	
15	1	55	39.9	34	25.6	118	25.4	A 2.9	8.0 R SAN FERNANDO	
15	2	14	42.9	34	22.4	118	24.1	B 1.7	6.7 SAN FERNANDO	
15	2	21	35.4	34	22.7	118	23.4	C 1.7	6.6 SAN FERNANDO	

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, MAR, 1973

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE	
15	5	42	38.8	32	30.3	115	18.5	C	2.8	8.0 R CALEXICO
15	10	8	17.9	33	43.7	117	57.1	C	1.7	9.2 SANTA ANA
15	20	26	12.8	33	41.7	117	55.6	D	1.7	3.2 SANTA ANA
16	22	38	21.0	34	3.6	118	59.0	B	3.5	8.0 R TRIUNFO PASS
FELT OXNARD AND SYLMAR										
17	0	54	36.1	34	3.6	118	58.8	B	3.7	8.0 R TRIUNFO PASS
17	3	38	24.4	34	17.4	118	28.4	C	1.7	5.6 SAN FERNANDO
17	6	25	58.8	35	16.4	118	4.6	B	2.2	8.0 R CROSS MTN
17	8	17	26.6	33	0.4	115	50.8	B	2.8	8.0 R KANE SPRING
17	9	53	25.6	33	40.6	117	56.4	B	2.6	8.0 R SANTA ANA
18	23	20	32.5	33	34.9	118	26.0	D	1.7	8.3 SAN PEDRO
19	2	13	48.5	33	34.5	118	22.1	A	3.5	8.0 R SAN PEDRO
19	2	37	18.7	33	34.2	118	24.8	B	2.4	8.0 R SAN PEDRO
19	7	14	25.3	33	33.2	118	23.0	B	2.2	8.0 R SAN PEDRO
19	10	13	27.9	34	21.4	118	23.5	C	1.7	5.0 SAN FERNANDO
19	11	14	44.0	33	33.7	118	23.9	B	2.4	8.0 R SAN PEDRO
19	19	58	19.0	33	38.7	118	3.2	A	2.5	8.0 R LAS BOLSAS
19	20	11	51.2	34	17.3	118	28.0	C	1.7	3.1 SAN FERNANDO
20	1	8	35.5	34	46.9	116	21.8	B	2.5	8.0 R CADDY MTS
20	2	15	35.5	33	40.3	118	2.2	C	1.7	5.0 LAS BOLSAS
20	6	35	3.0	33	15.5	116	0.9	A	2.8	8.0 R RABBIT PEAK
20	13	1	45.1	33	33.2	118	23.0	B	2.2	8.0 R SAN PEDRO
21	0	14	49.7	34	21.4	118	23.7	C	1.7	5.1 SAN FERNANDO
21	4	11	49.7	33	51.4	118	20.7	A	3.5	8.0 R REDONDO
FELT LONG BEACH AND REDONDO BEACH										
21	9	58	6.5	33	34.2	118	19.1	D	1.7	5.8 SAN PEDRO
21	10	0	1.9	33	34.7	118	22.4	C	1.7	5.3 SAN PEDRO
21	10	7	32.5	33	34.5	118	22.6	A	2.6	* SAN PEDRO
21	10	45	13.6	33	32.7	118	20.9	C	1.7	9.0 SAN PEDRO
21	17	4	22.8	33	33.4	118	22.7	B	2.6	8.0 R SAN PEDRO
21	17	54	41.2	33	34.4	118	24.7	B	2.9	8.0 R SAN PEDRO
21	18	55	52.6	34	20.7	118	22.7	C	1.7	3.0 SAN FERNANDO
22	3	39	53.5	34	21.0	118	25.2	B	1.7	3.4 SAN FERNANDO
22	4	40	52.6	34	22.2	118	20.2	D	1.7	4.5 SAN FERNANDO
23	8	26	34.3	34	14.5	117	35.4	A	2.4	8.0 R ONTARIO
23	8	32	20.9	34	6.3	119	4.7	B	2.3	8.0 R HUENEME
24	5	31	8.1	33	0.1	116	26.2	A	3.1	8.0 R BURREGO
24	8	11	31.5	34	27.6	116	29.4	A	3.0	8.0 R EMERSON LAKE
24	8	23	30.7	34	24.6	116	29.0	B	3.0	8.0 R EMERSON LAKE
24	8	23	54.6	34	26.1	116	15.5	D	2.7	8.0 R EMERSON LAKE
24	8	34	50.3	34	27.9	116	29.5	A	2.7	8.0 R EMERSON LAKE
24	9	53	38.9	33	54.2	116	36.4	B	2.1	8.0 R PALM SPRINGS
24	13	8	30.6	33	27.0	118	5.5	D	1.7	5.5 GULF OF SANTA CATALINA
25	10	13	4.9	34	6.7	117	27.0	B	2.5	8.0 R SAN BERNARDINO
25	21	53	51.8	33	23.7	116	58.9	A	3.0	8.0 R PALOMAR MTN
26	1	27	45.4	33	54.1	118	42.5	B	2.6	8.0 R SANTA MONICA BAY
26	7	32	59.0	34	10.1	117	24.3	D	1.7	5.9 SAN BERNARDINO
26	9	30	40.7	33	58.9	118	59.8	C	2.3	8.0 R OFF POINT DUME
26	9	57	52.1	34	7.4	117	25.4	A	3.0	8.0 R SAN BERNARDINO
FELT FONTANA										
26	10	5	34.8	34	0.6	117	0.5	A	2.6	8.0 R REDLANDS

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, MAR, 1973

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE
26	15	13	31.7	34	3.2	118 34.9	C	3.0	8.0 R CALABASAS
									FELT CAMARILLO
27	0	39	19.8	33	59.8	118 56.9	B	2.3	8.0 R OFF POINT DUME
27	0	39	55.6	34	38.0	116 23.7	B	2.5	8.0 R LAVIC
27	10	44	56.9	34	13.8	116 20.5	B	3.0	8.0 R JOSHUA TREE
28	9	22	24.6	34	0.5	118 12.2	D	1.7	5.9 PASADENA
28	17	52	26.1	34	9.6	117 18.8	A	3.4	8.0 R SAN BERNARDINO
									FELT FONTANA
28	22	46	27.8	35	1.7	118 25.3	B	2.5	8.0 R TEHACHAPI
29	12	19	57.9	34	16.2	116 19.7	A	2.6	8.0 R EMERSON LAKE
29	17	54	15.7	34	15.0	119 48.5	B	3.7	8.0 R SANTA CRUZ I NW
29	20	40	40.0	32	31.5	115 14.9	C	3.0	8.0 R MIDWAY WELL
29	21	35	34.7	34	0.0	118 29.9	B	3.3	8.0 R SANTA MONICA
									FELT SANTA MONICA
30	5	25	55.2	33	29.5	117 0.7	A	2.5	8.0 R TEMECULA
30	5	52	35.5	35	3.5	118 30.9	B	2.7	8.0 R CUMMINGS MTN
30	12	47	53.3	34	21.7	118 24.4	B	1.7	6.8 SAN FERNANDO
30	15	50	21.9	34	2.4	117 16.3	A	3.2	8.0 R SAN BERNARDINO
									FELT SAN BERNARDINO
30	21	35	33.7	34	0.7	118 29.1	C	1.7	5.0 SANTA MONICA
31	2	59	6.1	34	20.0	117 33.9	D	1.7	8.3 SAN ANTONIO
31	3	51	39.2	34	1.6	117 17.5	A	2.5	8.0 R SAN BERNARDINO
31	5	33	46.4	34	0.7	118 30.0	C	1.7	2.8 CALABASAS
31	6	11	47.0	34	9.5	117 2.8	A	2.5	8.0 R REDLANDS

APR, 1973

2	4	30	48.7	35	18.9	118 33.4	C	2.3	8.0 R BRECKENRIDGE MTN
3	0	11	7.5	34	25.9	118 20.9	B	2.3	8.0 R SAN FERNANDO
3	7	9	22.7	34	0.6	118 29.0	C	1.7	6.5 SANTA MONICA
3	22	30	44.4	34	15.9	116 19.4	A	2.8	8.0 R EMERSON LAKE
4	5	32	9.1	34	6.3	117 18.3	D	1.7	5.0 SAN BERNARDINO
4	17	24	26.7	34	25.2	118 24.3	C	1.7	0.4 SAN FERNANDO
5	11	13	41.0	34	1.1	116 39.6	A	2.6	8.0 R MURONGO VALLEY
5	12	42	14.1	35	49.9	118 23.8	B	2.8	8.0 R KERNVILLE
5	22	51	57.4	35	3.0	118 19.8	B	2.3	8.0 R TEHACHAPI
6	2	13	4.9	33	51.6	117 41.3	D	2.4	2.8 CORONA
6	4	56	43.3	34	9.0	117 36.2	C	1.7	9.8 ONTARIO
6	11	5	18.4	33	41.1	117 53.4	C	1.7	8.2 SANTA ANA
6	11	7	39.6	32	38.0	115 52.0	B	2.5	8.0 R COYOTE WELLS
7	0	4	9.8	35	21.9	118 34.7	B	2.5	8.0 R BRECKENRIDGE MTN
7	7	43	44.9	33	28.6	116 35.3	A	2.4	8.0 R WARNER SPRINGS
7	17	11	1.1	32	30.3	118 2.8	C	3.0	8.0 R SAN CLEMENTE ESCARPMENT
7	22	51	13.7	34	17.0	116 19.0	A	3.2	8.0 R EMERSON LAKE
8	1	41	0.3	34	17.4	116 18.7	A	2.3	8.0 R EMERSON LAKE
8	5	48	39.3	34	17.3	116 18.8	A	2.3	8.0 R EMERSON LAKE
8	13	10	31.2	35	26.1	118 40.8	B	2.3	8.0 R BRECKENRIDGE MTN
8	19	11	35.6	33	23.6	118 11.3	B	2.7	8.0 R GULF OF SANTA CATALINA
8	20	52	45.9	34	21.9	118 26.3	B	1.7	7.6 SAN FERNANDO
9	4	1	59.4	34	18.3	116 19.6	B	2.3	8.0 R EMERSON LAKE
9	4	11	35.8	34	28.1	118 22.9	D	1.7	9.9 SAN FERNANDO

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, APR, 1973

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE		
9	5	22	39.7	34	17.0	116	19.2	A	2.7	8.0 R	EMERSON LAKE
9	9	16	36.3	32	54.7	115	31.4	C	2.5	8.0 K	BRAWLEY
9	9	46	25.7	34	17.7	116	18.8	A	3.0	8.0 R	EMERSON LAKE
9	10	41	3.5	34	14.3	118	35.3	C	1.7	7.3	CALABASAS
9	19	25	13.8	34	13.4	116	20.0	B	3.0	8.0 R	JOSHUA TREE
9	20	0	47.1	34	24.1	118	22.1	A	2.5	8.0 K	SAN FERNANDO
10	11	4	50.2	34	11.7	117	27.9	D	1.7	7.2	SAN BERNARDINO
10	18	8	52.4	34	6.7	118	15.9	D	1.7	5.1	SANTA MONICA
11	0	57	21.3	34	17.6	117	23.3	C	1.7	5.0	HESPERA
11	5	40	14.3	34	20.1	118	21.9	C	1.7	1.2	SAN FERNANDO
11	8	0	48.9	34	7.3	117	26.4	A	3.3	8.0 R	SAN BERNARDINO
FELT SAN BERNARDINO AND RIALTO											
11	8	48	7.4	34	20.3	118	21.5	C	1.7	6.2	SAN FERNANDO
12	0	15	7.3	34	2.6	118	6.9	D	1.7	8.1	PASADENA
12	3	33	10.9	34	25.6	118	25.3	A	2.7	8.0 R	SAN FERNANDO
12	13	57	2.6	34	18.2	116	19.1	A	3.5	8.0 K	EMERSON LAKE
12	14	6	30.0	34	18.0	116	20.2	B	2.5	8.0 K	EMERSON LAKE
12	14	48	54.2	34	16.4	118	30.6	B	2.0	8.0 R	SANTA SUSANA
12	21	22	33.3	34	18.3	116	22.3	B	2.9	8.0 K	EMERSON LAKE
13	0	25	57.5	33	49.0	117	45.8	D	1.7	5.0	ANAHEIM
13	4	40	57.9	34	22.8	118	24.9	B	1.7	6.7	SAN FERNANDO
13	8	43	32.7	35	42.3	116	35.9	B	3.0	8.0 K	LEACH LAKE
13	12	48	49.2	34	23.5	118	21.8	C	1.7	9.8	SAN FERNANDO
13	12	49	11.3	34	23.5	118	24.1	C	1.7	10.0	SAN FERNANDO
13	16	50	6.2	32	42.7	115	52.7	B	2.0	8.0 R	COYOTE WELLS
14	9	17	4.9	33	39.2	118	0.9	D	1.7	5.9	LAS BULSAS
15	3	18	5.3	32	37.2	117	7.9	B	3.2	8.0 K	SAN DIEGO
15	11	21	27.1	34	21.1	118	21.1	C	1.7	4.5	SAN FERNANDO
15	17	15	24.3	34	44.1	118	53.5	B	2.4	8.0 K	ALAMO MTN
16	12	52	11.2	33	13.8	116	20.1	A	2.7	8.0 R	BURREGO
17	13	27	31.0	34	58.9	118	48.0	B	2.7	8.0 K	TEJON PASS
17	18	23	5.9	34	20.7	118	22.6	B	1.7	2.5	SAN FERNANDO
17	20	12	37.1	34	56.0	116	49.1	A	2.6	8.0 R	DAGGETT
17	21	33	13.8	34	20.5	118	23.3	B	1.7	3.3	SAN FERNANDO
17	21	34	7.3	34	23.5	118	24.1	D	1.7	9.5	SAN FERNANDO
17	21	34	22.5	34	23.7	118	25.1	A	3.1	8.0 R	SAN FERNANDO
FELT SYLMAR											
19	10	25	31.6	34	40.2	118	43.6	B	3.3	8.0 K	LIEBRE MTN
19	12	49	54.3	34	22.1	118	22.5	D	1.7	4.9	SAN FERNANDO
19	19	29	44.8	33	57.0	118	38.9	B	2.5	8.0 K	SANTA MONICA BAY
20	0	49	33.9	36	33.6	117	59.9	B	3.0	8.0 K	NEW YORK BUTTE
20	3	44	44.1	37	7.6	118	18.3	C	3.0	8.0 R	BIG PINE
20	22	11	0.8	34	33.0	116	49.4	A	2.3	8.0 K	UKO MTS
21	5	50	41.3	37	5.7	118	15.1	C	2.9	8.0 K	BIG PINE
22	10	1	5.9	34	19.4	118	20.6	C	1.7	7.8	SAN FERNANDO
22	11	42	24.8	34	17.1	118	22.5	D	1.7	8.0	SAN FERNANDO
22	11	48	47.9	34	17.2	118	22.7	D	1.7	7.8	SAN FERNANDO
22	16	15	46.1	34	15.1	117	10.5	A	2.7	8.0 K	LAKE ARROWHEAD
22	20	4	8.3	34	16.8	118	36.7	C	1.7	4.7	SANTA SUSANA
23	0	49	12.3	34	11.0	118	9.5	B	1.7	9.9	PASADENA
23	7	10	58.3	34	14.5	117	10.7	A	2.7	8.0 K	REDLANDS

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, APR, 1973

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE		
23	16	15	16.3	34	21.2	120	0.1	C	2.4	8.0 R GAVIOTA	
23	21	4	36.7	34	10.7	117	0.8	A	2.5	8.0 R REDLANDS	
24	8	39	33.8	34	32.5	116	49.9	A	2.7	8.0 R ORD MTS	
24	14	54	56.8	34	2.3	118	18.7	C	1.7	1.0 SANTA MONICA	
25	5	1	27.6	34	1.1	117	19.7	D	1.7	5.1 SAN BERNARDINO	
25	17	41	48.2	34	23.6	118	24.9	A	2.8	8.0 R SAN FERNANDO	
26	5	58	53.7	34	14.9	117	27.3	D	1.7	6.8 SAN BERNARDINO	
26	22	11	24.7	34	16.9	116	21.8	B	2.2	8.0 R EMERSON LAKE	
27	1	13	35.4	34	23.5	118	23.2	C	1.7	9.3 SAN FERNANDO	
27	3	21	13.1	34	22.8	118	23.5	C	1.7	9.3 SAN FERNANDO	
27	10	24	59.6	34	21.5	118	21.7	C	1.7	5.8 SAN FERNANDO	
27	13	34	7.8	31	34.8	115	56.9	D	2.6	8.0 R SIERRA JUAREZ SE	M
27	16	1	45.6	34	19.7	118	19.0	C	1.7	7.8 SAN FERNANDO	
27	20	43	38.3	36	34.4	119	58.6	B	2.7	8.0 R FRESNO	*
27	22	48	57.4	35	6.3	118	17.7	B	2.4	8.0 R TEHACHAPI	
28	7	9	48.5	34	19.9	118	19.2	D	1.7	6.9 SAN FERNANDO	
28	20	57	8.7	33	54.8	117	9.5	C	1.7	3.1 PERRIS	
28	22	13	17.6	37	29.9	118	29.4	C	2.9	8.0 R BISHOP	
29	17	32	9.0	36	55.2	118	18.1	C	2.4	8.0 R MT PINCHOT	
29	20	38	34.5	34	8.3	117	26.7	D	1.7	8.8 SAN BERNARDINO	
30	3	2	32.2	33	22.7	116	58.1	B	2.5	8.0 R PALOMAR MTN	
30	3	42	29.8	31	40.4	115	49.7	C	3.4	8.0 R SIERRA JUAREZ SE	M
30	4	1	42.7	33	24.0	116	21.6	A	2.6	8.0 R CLARK LAKE	

MAY, 1973

1	23	31	22.8	34	18.9	118	25.8	B	1.7	5.0 SAN FERNANDO	
2	1	33	13.8	34	18.1	118	14.4	C	1.7	6.0 ACTON	
2	3	32	18.2	33	14.1	116	13.7	A	2.7	8.0 R BORREGO MTN	
2	7	16	19.7	34	19.4	118	17.4	C	1.7	8.8 SAN FERNANDO	
2	11	26	1.0	34	29.8	118	31.7	D	1.7	5.0 SANTA SUSANA	
2	15	5	0.2	34	20.2	118	22.0	C	1.7	1.8 SAN FERNANDO	
2	15	29	23.0	34	15.9	116	19.0	B	2.9	8.0 R EMERSON LAKE	
2	19	25	25.0	34	0.2	116	22.5	A	2.8	8.0 R JOSHUA TREE	
3	10	9	47.7	34	12.6	116	9.8	B	3.5	8.0 R TWENTYNINE PALMS	
3	15	58	26.7	33	42.1	117	58.2	C	1.7	9.0 SANTA ANA	
3	19	43	35.2	34	24.4	118	24.1	C	2.3	3.8 SAN FERNANDO	
3	21	22	19.7	34	3.0	117	15.8	C	1.7	6.5 SAN BERNARDINO	
4	7	18	2.3	36	0.6	117	49.8	A	2.6	8.0 R HAIWEE RESERVOIR	
4	8	12	22.8	35	59.9	117	51.2	A	2.7	8.0 R LITTLE LAKE	
5	4	31	56.5	32	35.8	115	47.2	B	2.9	8.0 R CUYOTE WELLS	
5	4	39	0.6	34	23.0	117	0.7	B	2.4	8.0 R LAKE ARROWHEAD	
5	5	18	57.4	34	25.5	118	24.3	C	1.7	2.4 SAN FERNANDO	
6	8	52	27.6	33	14.3	116	14.8	B	2.1	8.0 R BORREGO MTN	
6	10	23	4.1	34	26.5	118	26.9	D	1.7	8.1 SAN FERNANDO	
6	14	35	29.9	34	22.3	118	23.0	B	1.7	7.7 SAN FERNANDO	
7	3	18	12.2	33	6.9	116	31.5	A	2.6	8.0 R SANTA YSABEL	
7	13	29	31.9	34	23.5	118	21.7	D	1.7	6.7 SAN FERNANDO	
8	7	36	47.7	32	35.5	115	16.0	B	2.5	8.0 R CALEXICO	
8	8	8	20.9	34	1.8	117	36.6	C	1.7	5.9 UNTARIO	
8	10	52	54.6	32	24.9	116	16.5	B	2.3	8.0 R SIERRA JUAREZ NW	M

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, MAY, 1973

FA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE	
8	11	19	9.8	34	56.6	119	9.5	A	2.8	8.0 R SAN FMIGDIO
8	12	41	26.5	34	12.8	116	19.0	B	3.6	8.0 R JOSHUA TREE
8	13	57	13.7	33	47.9	116	7.2	A	2.4	8.0 K LOST HORSE MTN
8	14	0	54.5	34	29.4	118	55.5	B	2.7	8.0 K PIRU
8	19	5	13.1	34	25.5	118	24.9	B	2.5	8.0 K SAN FERNANDO
8	20	37	27.3	34	25.0	118	25.1	A	3.1	8.0 R SAN FERNANDO
FELT NEWHALL										
8	20	38	51.5	34	24.0	118	25.2	C	1.7	9.3 SAN FERNANDO
8	20	39	23.1	34	25.0	118	24.5	A	2.5	8.0 R SAN FERNANDO
8	20	47	22.0	34	24.2	118	25.0	B	2.3	8.0 R SAN FERNANDO
9	3	35	16.4	33	44.2	118	13.4	C	1.7	0.1 LAS BOLSAS
9	11	53	51.9	34	8.7	116	10.5	A	3.0	8.0 R TWENTYNINE PALMS
10	2	15	48.0	34	20.7	118	24.1	D	1.7	5.2 SAN FERNANDO
10	5	32	24.1	35	55.8	117	13.8	A	3.1	8.0 R MANLY PEAK
10	13	30	48.7	33	22.1	116	16.9	A	3.1	8.0 R CLARK LAKE
10	13	51	42.9	34	0.3	117	34.6	C	1.7	5.9 ONTARIO
11	2	35	36.8	33	57.8	118	31.4	B	2.6	8.0 R SANTA MONICA BAY
FELT SANTA MONICA										
11	3	19	9.3	32	31.3	115	1.9	B	3.1	8.0 R MIDWAY WELL
11	3	25	12.6	32	27.1	115	11.7	B	3.8	8.0 R SIERRA CUCAPA
11	14	1	23.0	33	34.3	118	22.3	B	2.8	8.0 R SAN PEDRO
11	16	30	38.9	34	9.7	119	10.1	C	2.1	8.0 R HUENEME
FELT OXNARD										
11	23	26	45.8	34	26.0	118	24.1	D	1.7	2.6 SAN FERNANDO
12	4	41	25.4	34	25.0	118	24.1	C	1.7	1.6 SAN FERNANDO
12	12	54	23.1	33	55.3	118	38.9	C	1.7	5.0 SANTA MONICA BAY
12	21	55	24.0	34	2.0	118	59.6	B	3.2	8.0 R TRIUNFO PASS
12	1	22	44.4	34	21.9	118	23.1	C	1.7	7.3 SAN FERNANDO
13	1	52	35.0	33	59.9	118	20.9	A	2.5	8.0 R REDONDO
12	2	29	28.6	34	11.6	117	38.1	A	1.9	8.0 R ONTARIO
14	0	5	40.6	34	1.4	118	59.8	A	2.4	8.0 R TRIUNFO PASS
14	9	59	15.9	34	14.3	118	14.2	C	1.7	6.5 PASADENA
15	2	21	15.9	34	4.2	118	18.3	B	2.3	8.0 K SANTA MONICA
FELT HOLLYWOOD										
15	4	56	7.7	33	43.9	116	42.9	B	2.5	8.0 R IDYLLWILD
15	5	38	49.5	34	21.6	118	21.4	C	1.7	4.5 SAN FERNANDO
15	17	18	51.1	35	10.5	117	28.9	A	3.1	8.0 R FREMONT PEAK
16	0	22	6.8	32	48.0	116	35.3	A	2.1	8.0 R CUYAMACA PEAK
16	2	10	38.6	34	17.7	119	50.0	B	2.7	8.0 R GOLETA
16	14	11	11.8	34	20.4	118	27.5	C	1.7	4.2 SAN FERNANDO
16	23	2	60.0	34	48.0	118	44.1	A	2.5	8.0 R NEENACH
17	11	30	43.0	33	26.5	116	26.3	A	2.8	8.0 R CLARK LAKE
18	6	35	12.2	34	0.2	117	14.0	C	1.7	6.0 REDLANDS
18	6	35	19.6	34	1.8	117	8.1	A	3.3	8.0 K REDLANDS
FELT RIVERSIDE										
18	23	13	41.2	33	50.2	117	41.6	B	2.0	8.0 R CORONA
18	23	37	9.3	32	6.5	115	42.9	C	3.1	8.0 R LAGUNA SALADA
19	0	24	1.1	33	36.0	116	36.0	A	2.4	8.0 R IDYLLWILD
19	4	15	30.3	32	1.9	117	8.8	C	3.1	8.0 R CONTINENTAL SHELF
19	13	1	32.5	34	26.0	118	24.1	D	1.7	1.9 SAN FERNANDO
20	13	39	34.4	34	21.2	118	22.6	C	1.7	4.5 SAN FERNANDO

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, MAY, 1973

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE		
20	13	43	7.9	34	22.0	118	25.2	B	1.7	7.8	SAN FERNANDO
20	14	14	16.0	34	16.1	116	18.4	B	2.4	8.0	R EMERSON LAKE
20	17	50	30.4	33	56.5	116	43.2	A	2.6	8.0	R PALM SPRINGS
20	18	8	41.9	33	55.8	118	22.0	C	1.7	5.0	REDONDO
20	20	46	48.3	34	21.3	118	21.2	C	1.7	5.6	SAN FERNANDO
21	16	49	42.7	35	45.0	117	6.9	B	2.8	8.0	R MANLY PEAK
21	23	41	33.9	34	18.2	118	20.7	C	1.7	7.5	SAN FERNANDO
22	9	22	49.0	33	29.7	116	46.6	A	2.1	8.0	R PALOMAR MTN
22	12	13	5.3	33	48.0	117	39.4	A	2.1	8.0	R CORONA
22	12	24	50.5	33	48.0	117	44.2	D	1.7	3.0	CORONA
22	13	11	45.2	34	20.2	118	20.0	C	1.7	5.6	SAN FERNANDO
23	2	41	25.4	34	19.4	118	18.2	B	2.2	8.0	R SAN FERNANDO
23	7	47	6.4	34	15.9	117	11.8	A	2.3	8.0	K LAKE ARROWHEAD
23	9	30	36.6	34	22.4	118	22.5	C	1.7	7.8	SAN FERNANDO
23	17	19	28.7	33	39.5	116	40.9	B	2.5	8.0	R IDYLLWILD
24	9	22	43.4	34	19.7	118	18.6	D	1.7	7.6	SAN FERNANDO
24	9	59	16.4	34	7.5	118	17.4	B	1.9	8.0	R SANTA MONICA
FELT HOLLYWOOD											
25	2	8	41.0	34	24.4	118	24.1	D	1.7	0.3	SAN FERNANDO
25	18	7	25.3	34	22.9	118	20.3	A	2.0	8.0	R SAN FERNANDO
25	20	9	50.3	33	41.8	116	47.7	A	2.8	8.0	R HEMET
25	21	21	39.6	33	29.6	116	49.3	A	2.6	8.0	R PALOMAR MTN
25	21	23	17.1	34	34.8	117	9.0	A	2.8	8.0	R APPLE VALLEY
25	22	56	20.4	34	1.9	117	35.6	D	1.7	7.0	ONTARIO
26	23	46	33.3	32	31.7	118	4.9	B	4.3	8.0	R SAN CLEMENTE ESCARPMENT
27	0	8	1.4	35	27.0	118	37.6	B	2.9	8.0	K BRECKENRIDGE MTN
27	13	44	6.9	32	35.3	118	3.8	B	3.8	8.0	K SAN CLEMENTE ESCARPMENT
27	20	22	58.6	32	58.8	116	16.1	B	3.2	8.0	R MT LAGUNA
28	15	42	45.2	33	16.6	116	16.5	A	3.1	8.0	R CLARK LAKE
30	9	40	57.9	32	58.6	116	15.5	A	3.0	8.0	R MT LAGUNA
30	17	53	39.2	34	20.1	118	22.3	C	1.7	1.5	SAN FERNANDO
30	19	53	45.1	34	7.3	117	27.3	A	2.3	8.0	R SAN BERNARDINO
31	2	17	13.8	34	18.1	116	58.2	A	2.6	8.0	R LUCERNE VALLEY
31	7	24	13.7	34	26.8	118	24.1	D	1.7	1.1	SAN FERNANDO

JUN, 1973

1	1	1	45.5	33	15.8	116	14.6	A	2.8	8.0	R RABBIT PEAK	
1	19	10	57.0	32	25.9	118	3.6	B	2.8	8.0	R CONTINENTAL SHELF	M
2	6	48	28.2	33	55.1	118	16.3	D	1.7	9.6	REDONDO	
2	9	6	56.8	34	28.1	118	25.3	D	1.7	4.5	SAN FERNANDO	
2	12	59	43.9	31	53.0	116	12.0	B	3.4	8.0	R SANTO TOMAS	M
2	17	7	18.1	33	46.8	117	23.1	D	1.7	5.6	RIVERSIDE	
3	17	6	26.0	34	21.5	118	22.4	C	1.7	4.7	SAN FERNANDO	
3	19	59	2.5	35	26.5	117	49.9	A	2.7	8.0	K SALTOLE	
4	19	30	16.1	31	54.1	116	18.1	B	3.0	8.0	K SANTO TOMAS	M
5	5	9	51.9	34	24.8	118	36.3	A	2.6	8.0	K SANTA SUSANA	
5	9	11	2.0	37	32.6	118	23.1	C	3.5	8.0	R WHITE MTN SW	
5	11	55	59.8	34	23.5	118	23.3	C	1.7	2.4	SAN FERNANDO	
6	3	14	11.3	34	16.0	119	11.2	C	2.5	8.0	K SANTA PAULA	
6	4	19	54.5	33	40.8	117	53.8	C	1.7	8.7	SANTA ANA	

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, JUN, 1973

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE	
6	4	31	31.2	34	13.5	117 26.1 A	2.2	8.0 R	SAN BERNARDINO	
7	1	18	5.0	34	20.8	118 24.1 C	1.7	4.5	SAN FERNANDO	
7	7	23	28.0	33	50.0	117 49.6 C	1.7	6.9	ANAHEIM	
7	8	48	46.8	33	59.0	118 24.1 A	1.8	8.0 R	REDONDO	
7	10	38	12.7	33	59.4	118 24.5 A	2.2	8.0 R	REDONDO	
7	13	22	45.9	34	23.5	118 25.3 A	1.8	8.0 R	SAN FERNANDO	
7	23	4	49.3	33	51.2	117 41.5 A	2.1	8.0 R	CORONA	
8	1	46	22.2	35	51.8	117 43.1 B	2.9	8.0 R	MOUNTAIN SPRINGS CANYON	
8	5	58	13.5	34	21.8	118 22.9 D	1.7	5.1	SAN FERNANDO	
8	23	4	47.3	33	51.2	117 40.3 C	2.1	0.2	CORONA	
9	7	20	22.9	34	22.1	118 24.5 B	1.7	7.6	SAN FERNANDO	
9	11	26	52.5	34	0.5	118 15.1 C	1.7	5.8	SANTA MONICA	
9	12	10	20.4	33	58.6	117 5.9 B	2.7	8.0 R	PERRIS	
10	3	54	35.3	35	3.0	119 2.8 B	2.8	8.0 R	CUNNER	
10	6	38	18.3	36	17.6	118 3.7 B	2.9	8.0 R	ULANCHA	
10	7	19	57.4	34	36.2	118 32.4 D	1.7	6.2	LIEBRE MTN	
10	8	41	41.9	34	24.6	118 24.1 D	1.7	9.6	SAN FERNANDO	
10	22	22	9.1	37	13.8	116 2.7 C	3.8	8.0 R	TIPPIPAH SPRING	* N
11	7	56	18.2	37	27.3	115 54.8 D	3.2	8.0 R	GROOM MINE	* N
12	2	49	27.4	34	22.4	118 48.1 D	1.7	5.5	PIRU	
12	6	48	48.5	37	34.5	116 0.6 C	3.4	8.0 R	BELTED PEAK	* N
12	8	15	43.8	37	50.9	116 2.2 C	4.5	8.0 R	REVEILLE PEAK	* N
12	12	54	38.6	35	54.9	117 42.7 C	2.1	8.0 R	MOUNTAIN SPRINGS CANYON	
15	0	44	35.8	32	11.4	115 41.8 B	3.4	8.0 R	LAGUNA SALADA	M
15	3	46	18.5	33	47.6	118 4.0 C	1.7	4.7	DOWNEY	
15	4	40	49.3	34	19.7	118 19.3 C	1.7	4.9	SAN FERNANDO	
15	19	42	30.1	34	1.7	117 33.5 A	3.0	8.0 R	ONTARIO	
16	5	35	15.0	34	22.2	118 21.7 C	1.7	8.4	SAN FERNANDO	
16	11	33	22.1	34	19.7	118 24.1 C	1.7	1.0	SAN FERNANDO	
16	11	33	52.9	34	22.2	118 21.3 C	1.7	8.9	SAN FERNANDO	
16	11	45	33.2	34	21.2	118 21.7 B	1.7	4.0	SAN FERNANDO	
16	11	47	43.4	34	20.9	118 22.0 C	1.7	3.3	SAN FERNANDO	
16	17	40	30.4	32	57.3	116 15.9 B	3.4	8.0 R	MT LAGUNA	
18	4	12	43.9	32	7.9	115 50.3 B	2.4	8.0 R	LAGUNA SALADA	M
18	16	32	13.5	34	27.4	118 25.6 D	1.7	6.8	SAN FERNANDO	
19	10	26	31.3	32	53.3	117 38.6 B	3.9	8.0 R	SAN DIEGO TROUGH	
FELT SAN DIEGO AND EL CAJON										
19	10	50	11.2	32	52.5	117 37.5 A	3.2	8.0 R	SAN DIEGO TROUGH	
20	3	19	23.6	34	26.7	118 26.1 D	1.7	6.3	SAN FERNANDO	
20	5	22	28.9	34	25.5	118 23.8 A	2.0	8.0 R	SAN FERNANDO	
20	5	32	20.2	33	19.0	116 18.7 A	2.8	8.0 R	CLARK LAKE	
20	6	20	13.6	34	24.5	118 23.3 C	1.7	3.8	SAN FERNANDO	
20	20	51	49.8	34	22.0	118 24.1 B	1.7	8.5	SAN FERNANDO	
21	1	33	39.8	34	24.4	118 30.6 D	1.7	6.6	SANTA SUSANA	
21	7	9	45.3	33	1.8	115 33.2 A	2.1	8.0 R	CALIPATRIA	
21	13	9	33.0	33	2.9	115 33.5 A	2.8	8.0 R	CALIPATRIA	
FELT IMPERIAL VALLEY										
21	13	11	5.9	33	2.9	115 33.6 A	3.8	8.0 R	CALIPATRIA	
FELT IMPERIAL VALLEY										
21	13	21	15.6	33	2.9	115 33.1 A	2.5	8.0 R	CALIPATRIA	
21	13	23	17.1	33	3.2	115 33.6 A	2.3	8.0 R	CALIPATRIA	

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, JUN, 1973

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE
21	13	33	36.6	33	2.6	115 33.8	A	3.0	8.0 R CALIPATRIA
21	13	58	22.0	33	2.0	115 32.8	A	2.3	8.0 K CALIPATRIA
21	14	41	39.5	33	2.3	115 34.7	A	2.2	8.0 R CALIPATRIA
21	14	55	7.1	33	2.5	115 33.2	A	3.0	8.0 K CALIPATRIA
21	15	45	29.0	33	2.5	115 33.5	A	3.4	8.0 K CALIPATRIA
21	22	47	19.2	33	3.4	115 33.8	A	3.0	8.0 R CALIPATRIA
22	0	33	39.4	33	2.4	115 34.0	A	2.7	8.0 R CALIPATRIA
22	1	23	31.8	33	50.5	117 40.7	B	2.2	8.0 R CURONA
22	3	17	18.2	32	49.8	115 30.1	B	3.0	8.0 R BRAWLEY
22	22	9	58.6	34	19.4	118 27.0	B	1.7	3.4 SAN FERNANDO
23	5	45	15.5	34	21.4	118 24.1	B	1.7	4.6 SAN FERNANDO
23	15	3	32.0	36	2.7	117 43.0	D	2.7	8.0 K CUSO PEAK
23	18	36	41.6	34	22.1	118 21.9	C	1.7	7.8 SAN FERNANDO
25	12	39	50.1	33	50.9	116 49.3	A	3.2	8.0 R BANNING
FELT PALM SPRINGS AND BANNING									
26	2	46	39.4	34	17.1	118 20.4	C	1.7	5.3 SAN FERNANDO
26	9	49	47.1	34	21.6	118 20.9	D	1.7	5.1 SAN FERNANDO
26	23	37	56.5	34	1.2	116 45.2	A	3.0	8.0 R SAN GORGONIO MTN
27	10	12	20.0	33	45.3	115 51.3	A	2.9	8.0 R HEXIE MTNS
27	16	28	42.0	34	0.2	116 23.0	B	2.2	8.0 K JOSHUA TREE
27	21	19	29.2	34	9.6	118 29.3	D	1.7	5.0 SANTA MONICA
27	23	31	7.6	33	13.7	116 3.6	B	2.8	8.0 R BURRERO MTN
28	0	17	57.2	34	37.3	117 7.5	A	3.0	8.0 R APPLE VALLEY
28	1	56	27.6	34	17.7	117 9.5	D	1.7	1.7 LAKE ARROWHEAD
28	2	30	24.7	34	55.9	116 40.7	B	3.3	8.0 K NEWBERRY
28	6	51	43.1	34	24.2	118 24.1	D	1.7	9.6 SAN FERNANDO
29	4	14	43.3	33	39.2	117 47.9	C	1.7	5.0 SANTA ANA
29	13	38	12.7	34	25.7	118 24.0	A	3.2	10.5 SAN FERNANDO
FELT NORTHRIDGE AND NORTHWEST PART OF ALTADENA									
29	22	17	23.4	34	50.8	118 42.5	B	2.4	8.0 K NEENACH
30	11	49	0.2	33	57.5	117 44.2	C	1.7	9.3 CURONA
30	23	46	24.6	32	6.8	115 45.9	C	2.6	8.0 R LAGUNA SALADA

M

JUL, 1973

1	0	32	10.1	34	1.2	116 49.0	A	3.0	8.0 R SAN GORGONIO MTN
1	6	31	56.7	33	12.0	115 40.2	A	2.7	8.0 K CALIPATRIA
1	21	44	19.8	33	51.1	118 9.3	B	2.7	8.0 R DOWNEY
FELT LONG BEACH									
2	15	48	54.4	34	6.5	118 19.7	A	3.2	8.0 R SANTA MONICA
FELT HOLLYWOOD BURBANK AND BEVERLY HILLS									
2	16	4	11.4	34	5.4	118 19.5	D	1.7	7.1 SANTA MONICA
2	21	3	43.3	34	10.5	118 14.2	A	1.6	8.0 R PASADENA
3	2	29	24.6	34	2.0	118 18.2	B	1.6	8.0 R SANTA MONICA
3	2	32	1.1	34	6.5	118 17.3	B	2.7	8.0 R SANTA MONICA
FELT HOLLYWOOD BURBANK AND PACIFIC PALISADES									
3	2	53	38.5	33	58.8	117 46.6	C	1.7	9.4 ANAHEIM
3	5	14	58.5	33	53.0	118 11.8	C	1.7	5.0 DOWNEY
3	6	50	23.8	34	25.3	118 25.1	C	1.7	1.0 SAN FERNANDO
3	8	44	16.4	33	41.6	117 58.8	A	2.7	8.0 SANTA ANA
3	9	0	14.4	34	24.5	118 24.4	C	1.7	9.5 SAN FERNANDO

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, JUL, 1973

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE		
3	10	45	55.9	34	3.0	117	5.3	C	1.7	1.5	REDLANDS
4	5	24	33.2	34	23.5	118	24.1	C	1.7	9.7	SAN FERNANDO
4	6	32	4.2	34	9.4	116	44.0	A	3.4	8.0	MORONGO VALLEY
4	12	25	40.6	37	27.8	118	28.0	C	3.6	8.0	R BISHOP
4	17	2	5.6	34	1.7	117	15.8	D	1.7	6.5	SAN BERNARDINO
5	12	45	39.2	33	33.6	119	8.2	B	2.6	8.0	R SANTA BARBARA 1 NW
5	19	48	8.5	33	35.3	119	0.4	B	2.5	8.0	K SANTA BARBARA 1 NW
6	12	33	0.2	34	12.2	117	26.3	D	1.7	5.3	SAN BERNARDINO
6	22	27	7.9	35	17.4	118	32.2	B	2.7	8.0	R BRECKENRIDGE MTN
6	22	42	6.7	34	11.0	116	52.4	A	2.5	8.0	R SAN GORGONIO MTN
7	5	8	51.0	31	53.9	116	1.8	C	3.1	8.0	K SANTO TOMAS
8	5	18	38.8	34	2.7	118	59.3	B	2.3	8.0	R TRIUNFO PASS
8	12	9	39.3	34	24.5	118	23.8	B	1.8	8.0	K SAN FERNANDO
8	12	44	0.7	34	21.6	118	24.1	B	1.7	6.9	SAN FERNANDO
8	18	42	24.6	34	22.1	118	25.9	B	1.7	8.2	SAN FERNANDO
8	22	40	58.1	34	15.8	117	13.7	D	1.7	6.9	LAKE ARROWHEAD
8	22	48	25.0	32	55.9	115	32.4	A	2.7	8.0	R BRAWLEY
9	1	59	49.2	34	17.8	118	19.7	C	1.7	6.0	SAN FERNANDO
9	4	21	39.0	34	5.1	118	19.6	D	1.7	4.9	SANTA MONICA
9	11	23	47.6	34	23.9	118	35.0	C	1.7	2.1	SANTA SUSANA
9	22	19	6.5	33	53.3	117	14.9	C	1.7	8.3	PERRIS
10	8	22	55.9	33	29.1	116	33.7	A	2.8	8.0	K WARNER SPRINGS
10	22	22	48.4	34	2.7	117	16.4	C	1.7	5.8	SAN BERNARDINO
10	23	57	21.0	33	29.4	116	46.9	A	2.9	8.0	R PALM SPRING MTN
11	12	10	2.4	33	7.9	116	28.6	B	2.0	8.0	R BURREGO
11	16	10	4.9	33	58.2	117	43.2	D	1.7	7.1	CORONA
12	12	46	11.5	34	5.9	118	11.8	C	1.7	8.0	PASADENA
12	10	19	35.0	34	0.3	117	47.3	C	1.7	5.6	FONTANA
12	10	23	45.2	34	20.8	118	31.4	C	1.7	3.0	SANTA SUSANA
14	1	54	28.0	33	29.7	117	0.2	B	2.4	8.0	R TEMECULA
14	2	6	52.3	33	30.5	116	58.1	A	2.6	8.0	K HEMET
14	2	7	12.9	33	35.9	116	40.9	B	2.7	8.0	IDYLLWILD
14	4	7	5.3	34	22.6	116	51.7	A	3.0	8.0	K LUCERNE VALLEY
14	5	24	12.9	32	50.5	117	39.9	B	2.8	8.0	K SAN DIEGO TROUGH
14	6	13	23.7	34	22.3	118	22.7	C	1.7	7.5	SAN FERNANDO
14	8	0	20.1	34	26.2	116	50.0	A	4.8	8.0	R LUCERNE VALLEY
FELT SAN BERNARDINO AREA AND TO LOS ANGELES											
14	8	26	1.2	34	25.1	116	50.1	A	2.4	8.0	R LUCERNE VALLEY
14	8	43	8.8	34	25.3	116	50.5	A	2.3	8.0	K LUCERNE VALLEY
14	10	36	31.6	34	23.9	116	51.6	B	2.5	8.0	K LUCERNE VALLEY
14	21	46	4.8	32	53.7	117	39.7	B	2.7	8.0	R SAN DIEGO TROUGH
14	22	56	11.9	33	46.5	117	28.9	B	2.8	8.0	K RIVERSIDE
15	10	15	26.2	33	7.8	115	38.4	A	2.3	8.0	R CALIPATRIA
15	19	54	2.7	34	21.2	113	30.8	B	2.3	8.0	K SANTA SUSANA
16	3	43	2.1	34	0.6	116	24.8	A	3.0	8.0	R JOSHUA TREE
16	4	20	24.4	34	25.2	118	21.8	B	2.5	8.0	K SAN FERNANDO
16	6	43	53.2	34	10.0	117	17.3	D	1.7	5.7	SAN BERNARDINO
16	15	54	38.0	32	9.5	115	49.5	B	2.3	8.0	R LAGUNA SALADA
16	16	33	16.9	32	13.8	115	55.4	B	2.6	8.0	R LAGUNA SALADA
16	16	43	22.9	34	24.9	118	25.1	B	2.5	8.0	K SAN FERNANDO
17	10	4	30.4	34	19.8	118	26.8	B	1.7	3.6	SAN FERNANDO

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, JUL, 1973

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE
17	14	15	23.2	34	22.6	116 50.1 B	3.4	8.0 R	LUCERNE VALLEY
18	19	2	40.4	32	48.7	116 35.9 B	2.2	8.0 R	CUYAMACA PEAK
18	19	37	16.2	34	0.7	116 45.0 A	2.5	8.0 R	MURONGO VALLEY
19	20	13	29.6	36	11.2	117 36.5 B	2.6	8.0 R	COSO PEAK
19	23	2	2.9	34	23.5	118 22.6 C	1.7	6.1	SAN FERNANDO
20	5	11	35.9	32	9.0	115 49.3 B	3.4	8.0 R	LAGUNA SALADA
20	16	35	11.0	34	26.4	118 24.5 D	1.7	0.8	SAN FERNANDO
20	23	10	45.0	35	57.2	120 31.0 B	3.0	8.0 R	SAN MIGUEL
22	1	36	5.6	32	10.1	115 45.4 C	3.2	8.0 R	LAGUNA SALADA
22	5	23	6.1	34	7.7	117 32.4 C	1.7	6.4	ONTARIO
22	6	39	22.5	32	19.0	115 31.4 C	4.0	8.0 R	LAGUNA SALADA
22	9	15	37.5	34	18.4	118 27.0 C	1.7	6.3	SAN FERNANDO
22	12	9	31.3	34	26.6	118 24.3 C	1.7	0.4	SAN FERNANDO
22	14	18	59.4	34	24.9	118 24.1 D	1.7	0.1	SAN FERNANDO
22	14	57	23.2	34	21.8	118 22.4 C	1.7	8.4	SAN FERNANDO
23	7	23	42.3	34	17.4	118 21.0 A	1.8	8.0 R	SAN FERNANDO
24	0	30	58.4	34	1.9	117 24.7 D	1.7	5.7	SAN BERNARDINO
24	3	31	18.0	33	44.7	116 26.8 A	2.6	8.0 R	PALM DESERT
FELT COACHELLA VALLEY									
24	3	37	26.1	34	1.8	117 16.0 C	1.7	7.6	SAN BERNARDINO
24	6	57	25.9	34	1.2	119 0.8 B	2.8	8.0 R	HUENEME
24	10	55	17.5	33	38.2	118 24.7 D	1.7	9.4	SAN PEDRO
24	21	35	48.7	33	57.3	118 2.5 A	1.7	3.8	DOWNNEY
24	21	53	45.9	33	56.5	118 3.3 A	1.7	4.6	DOWNNEY
24	21	54	51.7	34	25.1	118 24.1 C	1.7	2.3	SAN FERNANDO
26	0	30	10.3	34	25.8	118 26.5 A	2.0	8.0 K	SAN FERNANDO
26	11	4	56.2	34	19.4	118 16.8 C	1.7	5.5	SAN FERNANDO
26	22	48	26.2	34	27.3	118 24.1 D	1.7	8.9	SAN FERNANDO
27	0	23	48.8	32	42.6	116 29.3 B	2.7	8.0 R	CAMPO
27	1	22	57.1	32	44.6	115 35.6 A	2.4	8.0 R	HEBER
27	2	3	57.0	35	19.7	118 34.3 B	2.8	8.0 K	BRECKENRIDGE MTN
27	14	29	1.3	34	2.7	117 20.6 B	1.8	8.0 K	SAN BERNARDINO
28	7	15	55.5	33	14.4	116 6.5 A	2.8	8.0 R	BORREGO MTN
28	7	42	56.5	36	28.2	118 11.7 B	2.4	8.0 K	OLANCHA
28	21	47	42.2	33	30.2	116 27.5 A	2.3	8.0 R	PALM DESERT
29	4	44	54.6	36	29.7	118 0.9 B	2.4	8.0 R	OLANCHA
29	7	57	12.9	34	3.5	118 57.5 A	2.4	8.0 K	TRIUNFO PASS
FELT SAUGUS									
29	10	30	27.5	34	6.9	118 17.0 A	2.0	8.0 R	SANTA MONICA
30	4	13	3.8	35	16.5	119 9.4 B	2.8	8.0 K	BAKERSFIELD WEST
30	19	13	28.6	34	21.6	118 20.7 B	1.7	6.4	SAN FERNANDO
30	21	33	19.5	34	36.5	118 31.3 D	1.7	6.0	LIEBRE MTN
31	20	51	25.0	34	11.3	117 32.0 C	1.7	7.9	ONTARIO
31	23	31	21.3	34	41.8	116 25.8 B	2.5	8.0 K	LAVIC

M

*

M

M

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, AUG, 1973

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE
1	9	14	53.1	36 15.5	117 53.4	B	2.7	8.0	K KEELER
1	9	20	48.3	35 56.3	120 38.5	B	3.0	8.0	K SAN MIGUEL *
1	15	25	23.1	36 11.8	118 2.4	C	2.6	3.0	MONACHE MTN
1	17	54	53.6	33 54.5	117 51.5	A	2.3	8.0	R ANAHEIM
1	20	20	6.3	34 28.1	118 18.4	B	2.1	8.0	R SAN FERNANDO
1	23	14	5.2	33 51.0	117 40.7	B	1.7	4.9	CURONA
2	1	3	26.5	34 12.4	117 22.3	A	3.0	8.0	R SAN BERNARDINO
2	1	7	44.0	34 11.7	117 22.9	A	2.4	8.0	R SAN BERNARDINO
2	1	10	19.5	34 11.5	117 23.1	A	2.3	8.0	R SAN BERNARDINO
2	10	18	36.9	34 18.1	118 16.8	A	3.3	8.0	R SAN FERNANDO
FELT SAN FERNANDO BURBANK GLENDALE AND PASADENA									
2	10	32	38.3	34 17.6	118 17.8	C	1.7	7.1	SAN FERNANDO
2	10	42	59.0	34 17.5	118 17.2	C	1.7	6.2	SAN FERNANDO
2	23	33	17.1	33 58.0	117 45.8	A	2.4	8.0	R ANAHEIM
3	1	13	42.7	34 23.5	118 23.1	D	1.7	9.2	SAN FERNANDO
5	9	18	58.3	34 12.7	118 37.1	C	1.7	3.0	CALABASAS
5	13	25	17.3	33 45.4	117 29.7	A	3.3	8.0	R RIVERSIDE
6	15	58	51.3	31 47.5	115 52.3	C	2.8	8.0	R SIERRA JUAREZ SE M
6	23	29	17.0	33 59.2	119 28.5	A	5.0	16.9	ANACAPA I SOUTH
LANDSLIDES ON ANACAPA ISLAND									
7	6	28	13.2	34 8.3	117 24.7	C	1.7	6.1	SAN BERNARDINO
7	11	47	0.8	34 23.8	118 22.3	C	1.7	1.4	SAN FERNANDO
7	11	50	27.4	32 32.8	118 5.8	B	3.3	8.0	R SAN CLEMENTE ESCARPMENT
7	19	5	25.2	34 19.5	118 27.8	C	1.7	5.0	SAN FERNANDO
F	0	36	50.4	34 22.2	118 24.1	B	1.7	9.3	SAN FERNANDO
9	2	21	51.3	34 2.6	116 46.4	A	2.4	8.0	R SAN GORGONIO MTN
8	8	21	12.2	34 24.2	118 24.0	C	1.7	9.0	SAN FERNANDO
8	9	29	32.5	32 40.0	118 2.3	C	2.3	8.0	R SAN CLEMENTE ESCARPMENT
8	10	3	33.0	34 24.5	118 24.1	C	1.7	2.5	SAN FERNANDO
8	14	11	18.6	34 2.8	117 20.6	C	1.7	6.0	SAN BERNARDINO
8	15	23	13.9	34 23.5	118 24.1	C	1.7	0.4	SAN FERNANDO
8	15	24	18.6	34 24.4	118 25.3	A	2.5	8.0	R SAN FERNANDO
9	15	36	6.3	35 8.1	118 42.0	B	2.8	8.0	R CUMMINGS MTN
10	0	45	48.6	34 2.1	117 16.8	D	1.7	6.1	SAN BERNARDINO
10	0	49	10.5	32 39.1	116 29.5	B	2.6	8.0	R CAMPO
10	11	23	24.3	34 17.6	118 17.2	D	1.7	6.7	SAN FERNANDO
10	12	38	8.5	33 46.5	117 31.9	D	1.7	6.4	CURONA
10	16	29	23.2	34 32.8	115 48.5	B	2.6	8.0	R BAGDAD
10	22	7	58.7	33 29.0	116 29.5	A	2.7	8.0	R CLARK LAKE
11	0	43	10.1	34 25.0	118 24.1	C	1.7	2.2	SAN FERNANDO
11	19	3	11.2	33 59.0	116 38.1	A	2.6	8.0	R PALM SPRINGS
12	13	33	21.6	32 55.1	115 47.8	A	2.6	8.0	R PLASTER CITY
12	20	27	3.9	34 16.8	118 30.6	B	1.7	3.9	SANTA SUSANA
12	21	9	39.6	34 23.5	118 24.1	D	1.7	5.0	SAN FERNANDO
15	2	16	22.8	34 10.6	119 19.0	B	3.1	8.0	R ANACAPA I NORTH
15	6	37	55.7	31 51.8	116 19.9	C	2.6	8.0	R SANTO TOMAS
15	12	20	56.6	33 18.1	116 19.5	A	3.0	8.0	R CLARK LAKE
16	1	1	13.4	35 55.9	116 55.7	B	2.8	8.0	R WINGATE WASH
16	15	33	58.2	34 1.9	116 26.6	B	3.0	8.0	R JOSHUA TREE
16	15	37	14.4	34 5.5	116 28.4	B	2.3	8.0	R JOSHUA TREE
16	22	32	24.0	34 35.4	117 7.0	B	2.8	1.9	APPLE VALLEY

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, AUG, 1973

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE	
17	0	22	27.9	32 43.2	116 29.2	A	2.6	8.0	K CAMPO	
17	7	11	35.2	36 57.7	118 1.2	B	2.5	1.2	INDEPENDENCE	
18	15	59	13.5	33 50.6	117 41.4	B	2.3	8.0	CORONA	
18	21	34	41.6	34 23.5	118 24.1	C	1.7	9.4	SAN FERNANDO	
20	3	47	40.3	34 22.0	118 16.6	A	3.6	8.0	SAN FERNANDO	
FELT SAN FERNANDO VALLEY										
20	13	39	21.1	32 18.4	115 35.5	C	3.6	8.0	R LAGUNA SALADA	M
20	14	1	49.9	33 57.0	119 9.8	A	2.7	8.0	OFF POINT MUGU	
20	14	27	10.9	32 15.8	115 36.1	B	2.8	8.0	R LAGUNA SALADA	M
20	15	43	10.5	32 20.6	115 35.2	B	2.9	8.0	K LAGUNA SALADA	M
21	9	35	58.3	34 22.3	118 24.8	C	1.7	5.7	SAN FERNANDO	
22	1	35	47.6	36 11.0	120 6.9	C	3.0	8.0	R PULVADERO GAP	*
22	8	56	56.3	34 21.9	118 22.7	C	1.7	7.1	SAN FERNANDO	
22	13	29	54.8	34 19.6	116 32.3	B	3.2	8.0	OLD WOMAN SPRINGS	
22	21	3	53.3	33 15.4	116 14.6	A	2.6	8.0	RABBIT PEAK	
23	17	20	30.7	33 6.2	115 36.4	A	2.8	8.2	R CALIPATRIA	
23	22	48	55.7	34 26.1	118 20.6	A	2.6	8.0	SAN FERNANDO	
24	1	41	19.6	34 8.1	117 26.7	C	1.7	7.1	SAN BERNARDINO	
24	9	4	56.2	34 31.9	119 12.0	B	2.9	8.0	K HINES PEAK	
25	3	38	30.3	36 4.3	120 0.7	B	2.9	8.0	K PULVADERO GAP	*
25	5	27	10.7	34 15.8	119 40.2	C	2.9	8.0	R SANTA BARBARA	
25	9	23	24.6	34 25.4	118 24.1	C	1.7	2.0	SAN FERNANDO	
25	18	8	41.6	34 24.7	118 25.7	C	1.7	1.5	SAN FERNANDO	
25	18	14	28.5	33 9.7	116 24.1	B	3.3	8.0	R BURREGO	
25	23	9	43.9	37 24.3	118 11.8	C	3.3	8.0	R BLANCO MTN	
26	5	53	29.3	34 13.5	117 5.7	C	1.7	5.8	REDLANDS	
26	5	57	20.8	34 8.2	117 24.9	D	1.7	5.8	SAN BERNARDINO	
26	13	4	13.6	33 54.9	116 20.4	B	2.6	8.0	THOUSAND PALMS	
26	22	9	55.6	34 21.8	116 33.0	A	2.9	8.0	K OLD WOMAN SPRINGS	
27	7	39	51.6	33 6.5	115 35.8	A	2.9	8.0	R CALIPATRIA	
27	13	1	36.2	33 7.9	115 37.0	A	2.8	8.0	K CALIPATRIA	
27	21	26	44.0	34 23.5	118 25.9	C	1.7	8.5	SAN FERNANDO	
28	8	18	56.7	33 29.7	116 47.2	B	2.7	8.0	PALOMAR MTN	
30	11	51	51.1	33 52.9	118 27.2	B	2.1	8.0	R REDONDO	
30	11	52	49.9	33 53.0	118 27.4	C	1.7	5.7	REDONDO	
30	12	5	33.9	34 7.1	117 43.0	A	2.5	8.0	R ONTARIO	
FELT CLAREMONT										
30	12	5	42.7	34 7.1	117 42.1	C	1.7	6.2	ONTARIO	
30	15	59	32.9	32 59.0	115 32.9	A	3.2	8.0	R BRAWLEY	
30	17	50	37.7	32 52.7	115 29.0	C	2.9	8.0	R HOLTVILLE	
30	18	42	49.0	32 58.4	115 32.9	A	3.2	8.0	R BRAWLEY	
30	18	49	13.9	32 58.2	115 33.5	B	3.3	8.0	K BRAWLEY	
30	19	0	0.9	34 8.9	117 24.7	C	1.7	0.5	SAN BERNARDINO	
30	19	17	13.6	32 55.9	115 32.5	B	3.1	8.0	R BRAWLEY	
30	19	38	17.4	32 58.7	115 33.0	A	3.0	8.0	K BRAWLEY	
30	20	13	51.8	32 59.7	115 33.8	B	2.9	8.0	R BRAWLEY	
30	21	17	0.8	33 1.8	115 34.4	B	3.0	8.0	R CALIPATRIA	
30	21	40	9.4	34 23.5	118 26.6	C	1.7	0.2	SAN FERNANDO	
31	0	38	41.9	32 42.4	116 30.6	A	2.8	8.0	K PUTRERO	
31	0	52	28.6	34 24.8	118 25.0	D	1.7	9.9	SAN FERNANDO	
31	4	18	39.8	32 53.2	115 29.8	C	2.7	8.0	R HOLTVILLE	

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, AUG, 1973

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE
31	5	42	6.7	32 59.4	115 33.6	A	2.9	8.0	K BRAWLEY

SEP, 1973

1	1	6	45.1	32	59.6	115	33.7	B	2.2	8.0	K	BRAWLEY
1	1	21	17.6	32	56.3	115	33.0	B	2.3	8.0	K	BRAWLEY
1	1	23	40.0	32	59.0	115	35.0	A	2.7	8.0	K	BRAWLEY
1	13	31	56.5	33	58.6	118	4.9	D	1.7	10.0		DOWNNEY
1	15	20	23.8	34	21.1	118	22.4	B	1.7	4.2		SAN FERNANDO
1	15	46	34.5	34	23.5	118	24.1	D	1.7	1.1		SAN FERNANDO
1	19	0	46.3	34	6.9	118	17.3	C	1.7	3.1		SANTA MONICA
1	21	18	18.3	34	23.5	118	20.9	D	1.7	3.7		SAN FERNANDO
2	6	28	4.4	34	0.2	118	44.5	A	2.5	8.0		CALABASAS
2	11	36	56.2	34	2.4	117	46.6	A	2.0	8.0		FONTANA
2	12	13	36.5	33	30.3	116	29.4	A	2.2	8.0		PALM DESERT
2	13	24	38.1	34	26.2	118	25.1	C	1.7	4.1		SAN FERNANDO
2	14	40	2.2	33	52.4	117	51.4	C	1.7	5.0		ANAHEIM
2	17	40	55.2	32	51.1	115	29.2	B	2.5	8.0	K	HULTVILLE
2	17	43	33.7	32	51.6	115	27.1	C	2.3	10.5		HULTVILLE
2	17	53	18.4	32	49.0	115	27.2	B	2.9	8.0	R	HULTVILLE
3	6	10	46.4	33	58.6	116	52.6	B	2.5	8.0		BANNING
4	9	11	26.4	34	20.4	119	21.5	B	3.6	8.0		VENTURA
FELT VENTURA TU GULETA												
4	13	11	6.1	34	15.5	120	25.8	B	3.1	8.0	K	POINT CONCEPTION
5	9	33	19.5	34	16.2	118	30.1	D	1.7	4.3		SANTA SUSANA
5	10	45	15.8	31	27.5	116	53.7	C	2.9	8.0	K	CONTINENTAL SHELF
6	8	39	19.1	35	19.6	118	38.6	B	2.7	8.0	K	BRECKENRIDGE MTN
6	16	34	6.6	34	5.4	117	18.3	D	1.7	5.6		SAN BERNARDINO
7	8	9	33.6	34	21.9	116	51.1	A	2.7	8.0	R	LUCERNE VALLEY
7	15	18	1.7	34	26.0	118	25.6	A	2.2	8.0	K	SAN FERNANDO
7	15	18	10.7	34	15.7	119	21.1	B	3.1	8.0	K	VENTURA
7	19	37	38.2	34	26.4	118	24.1	D	1.7	3.9		SAN FERNANDO
8	4	13	55.7	34	21.4	119	9.5	B	2.6	8.0	R	SANTA PAULA
8	7	33	16.3	34	20.3	118	30.2	C	1.7	9.3		SANTA SUSANA
8	7	50	44.2	34	21.2	118	22.9	C	1.7	5.0		SAN FERNANDO
8	13	38	31.8	32	49.3	116	12.9	A	2.6	8.0	K	CARRIZO MTN
8	15	47	8.0	34	0.7	117	13.0	C	1.7	8.5		REDLANDS
8	16	54	5.3	32	18.9	115	32.6	C	2.7	8.0	K	LAGUNA SALADA
9	2	50	17.1	34	21.1	118	22.8	C	1.7	4.5		SAN FERNANDO
9	7	42	18.4	34	25.4	118	26.0	D	1.7	1.1		SAN FERNANDO
9	7	52	39.7	34	22.4	118	26.1	B	1.7	7.5		SAN FERNANDO
10	8	1	44.7	34	22.8	118	20.6	C	1.7	8.2		SAN FERNANDO
10	11	22	40.7	34	26.1	118	24.7	B	2.2	8.0	R	SAN FERNANDO
10	11	34	2.8	33	58.3	117	47.2	C	1.7	9.6		ANAHEIM
10	13	38	37.1	34	23.5	118	2					

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, SEP, 1973

DA	H	M	S	LAT N	LONG W	C	MAG	DEPTH S	QUADRANGLE	
13	7	0	51.3	33	29.3	116	46.9	A	2.2	8.0 R PALOMAR MTN
13	10	49	16.7	35	46.3	117	39.8	B	2.4	8.0 R MOUNTAIN SPRINGS CANYON
13	13	7	45.9	34	21.4	119	11.7	B	2.8	8.0 R SANTA PAULA
13	13	8	38.7	34	24.4	119	13.6	B	2.4	8.0 R SANTA PAULA
13	17	30	39.8	32	57.1	116	16.8	B	4.8	8.0 R MT LAGUNA
FELT IMPERIAL VALLEY AND FROM SAN DIEGO TO HUNTINGTON BEACH										
13	17	40	1.4	32	53.6	116	16.2	A	2.3	8.0 R MT LAGUNA
13	21	6	18.6	34	26.3	118	21.7	A	3.2	8.0 R SAN FERNANDO
FELT SYLMAR										
13	22	48	45.4	32	53.5	116	17.0	A	3.2	8.0 R MT LAGUNA
14	0	28	1.8	32	41.9	116	30.5	B	2.7	8.0 R POTRERO
14	5	24	25.3	32	51.9	116	17.4	A	3.0	8.0 R MT LAGUNA
14	5	56	50.8	32	51.7	116	18.3	B	2.8	8.0 R MT LAGUNA
14	7	4	42.8	32	53.6	116	16.5	A	2.9	8.0 R MT LAGUNA
14	16	19	8.1	33	57.9	116	43.4	A	2.5	8.0 R PALM SPRINGS
14	17	5	33.1	34	27.8	118	24.1	D	1.7	1.0 SAN FERNANDO
14	23	3	57.3	34	20.8	118	22.9	B	1.7	3.3 SAN FERNANDO
14	23	57	9.1	32	8.8	115	43.2	C	3.5	8.0 R LAGUNA SALACA
15	1	3	15.4	36	36.1	119	22.5	B	4.4	8.0 DINUBA
FELT GRAYEAGLE										
15	2	15	21.0	34	4.9	117	15.9	A	2.6	8.0 R SAN BERNARDINO
15	6	41	9.2	34	23.0	118	23.8	B	1.7	7.7 SAN FERNANDO
15	10	37	5.1	34	19.9	118	20.0	C	1.7	6.1 SAN FERNANDO
15	15	5	26.0	33	23.0	116	28.5	B	2.3	8.0 R CLARK LAKE
15	16	56	34.1	34	18.6	118	32.6	C	1.7	9.5 SANTA SUSANA
15	16	57	4.4	34	16.8	118	26.6	D	1.7	5.0 SAN FERNANDO
15	21	19	55.3	35	14.1	116	53.8	B	3.1	8.0 R LANE MTN
15	23	3	0.7	34	18.7	118	32.3	C	1.7	6.5 SANTA SUSANA
15	23	4	51.2	34	19.6	118	34.3	A	2.5	8.0 R SANTA SUSANA
15	23	28	18.2	34	22.8	118	22.4	C	1.7	7.1 SAN FERNANDO
16	3	0	49.4	32	25.4	115	14.6	C	3.0	8.0 R SIERRA CUCAPA
16	6	58	23.2	33	0.4	115	47.1	B	3.2	8.0 R KANE SPRING
16	14	22	10.0	34	17.7	118	29.4	C	1.7	8.6 SAN FERNANDO
16	15	1	27.1	33	46.5	118	4.5	C	1.7	5.0 DOWNEY
17	1	25	51.1	33	50.6	118	7.4	B	2.0	8.0 R DOWNEY
17	9	38	2.3	34	24.4	118	22.9	B	2.0	8.0 R SAN FERNANDO
17	13	44	16.8	34	19.0	118	21.7	A	2.0	8.0 R SAN FERNANDO
17	15	53	16.9	34	18.3	118	31.9	C	1.7	5.0 SANTA SUSANA
17	23	50	48.7	34	44.5	116	25.7	B	2.6	1.6 LAVIC
18	2	37	37.1	33	57.9	117	45.8	D	1.7	5.8 ANAHEIM
18	7	6	49.5	34	22.1	118	24.1	C	1.7	6.1 SAN FERNANDO
18	7	24	44.8	33	50.7	117	47.8	C	1.7	7.0 ANAHEIM
18	10	8	6.5	37	11.9	118	57.1	B	3.9	8.0 BLACKCAP MTN
19	0	1	0.6	33	11.3	116	24.9	B	3.4	8.0 R BURREGO
FELT BORREGO SPRINGS										
19	5	15	56.9	34	3.4	117	17.0	D	1.7	7.4 SAN BERNARDINO
19	10	42	31.4	35	54.8	118	1.5	A	2.4	8.0 R LAMONT PEAK
19	11	41	57.5	35	43.2	116	44.0	A	2.3	8.0 R IDYLLWILD
19	15	38	20.5	34	0.0	120	30.0	D	2.8	0.0 OFF POINT CONCEPTION
19	16	48	53.3	35	40.2	117	22.0	A	3.1	8.0 R SEARLES LAKE
19	23	49	43.8	35	9.3	118	25.0	B	2.4	8.0 R TEHACHAPI

M

M

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, SEP, 1973

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE			
20	1	10	19.1	32	47.5	116	32.2	B	2.5	8.0	R	CUYAMACA PEAK
20	11	31	21.7	34	28.7	118	31.9	A	2.0	8.0	R	SANTA SUSANA
20	11	32	54.0	34	25.7	118	36.7	C	1.7	2.4		SANTA SUSANA
20	15	8	53.5	34	20.6	118	25.1	B	1.7	7.4		SAN FERNANDO
21	12	48	5.1	34	20.0	118	34.6	C	1.7	8.4		SANTA SUSANA
21	14	19	42.3	34	3.1	117	20.0	C	1.7	5.4		SAN BERNARDINO
22	3	0	37.8	33	44.5	117	29.5	D	1.7	5.6		LAKE ELSINORE
22	3	53	42.4	34	25.0	118	25.3	C	1.7	0.6		SAN FERNANDO
22	16	28	47.5	34	26.3	118	34.8	D	1.7	5.0		SANTA SUSANA
22	20	40	20.3	33	28.7	116	23.1	A	3.0	8.0	R	CLARK LAKE
23	0	16	2.1	33	28.9	116	34.8	A	3.0	8.0	R	WARNER SPRINGS
23	3	58	38.1	34	27.6	118	24.8	D	1.7	5.8		SAN FERNANDO
24	1	29	55.1	33	58.3	117	13.7	C	1.7	4.2		PERRIS
25	12	33	45.8	33	53.5	117	43.6	D	1.7	4.6		CURONA
25	12	59	37.3	34	21.8	118	24.8	A	3.6	8.0	R	SAN FERNANDO
FELT SAN FERNANDO AND PASADENA												
25	13	2	0.3	34	20.7	118	25.0	A	2.2	8.0	R	SAN FERNANDO
25	14	24	57.0	34	20.8	118	25.3	B	1.7	5.1		SAN FERNANDO
25	15	2	37.7	33	41.1	118	17.9	B	2.4	8.0	R	SAN PEDRO
25	15	3	37.2	33	42.9	118	15.9	B	1.7	3.9		SAN PEDRO
25	18	54	28.3	34	20.8	118	24.1	D	1.7	7.8		SAN FERNANDO
26	3	50	43.9	34	7.2	118	16.7	D	1.7	5.5		SANTA MONICA
26	3	56	13.0	34	33.0	118	43.5	B	2.3	8.0	R	LIEBRE MTN
26	3	59	50.7	34	23.5	118	28.2	D	1.7	5.0		SAN FERNANDO
26	3	59	56.1	34	29.5	118	44.6	D	1.7	5.0		SANTA SUSANA
26	7	6	11.0	33	43.4	116	45.1	A	2.8	8.0	R	HEMET
26	7	16	15.3	31	44.8	115	51.0	C	2.7	8.0	R	SIERRA JUAKEZ SE
FELT HEMET												
26	11	19	31.7	34	22.7	118	20.8	B	2.3	8.0	R	SAN FERNANDO
26	11	58	46.7	34	13.5	118	33.2	D	1.7	5.0		CALABASAS
26	12	30	24.0	34	11.2	117	33.6	C	1.7	5.8		ONTARIO
27	3	29	19.5	33	58.3	117	46.5	C	1.7	10.0		ANAHEIM
27	7	20	41.7	34	18.6	118	31.4	C	1.7	3.3		SANTA SUSANA
27	11	48	22.0	33	41.6	116	44.5	A	2.7	8.0	R	IOYLLWILD
27	12	54	43.7	32	33.6	115	15.7	B	2.7	8.0	R	CALEXICO
27	13	38	57.2	34	22.6	118	24.9	B	1.7	1.3		SAN FERNANDO
28	2	44	44.5	35	22.2	117	33.8	B	2.5	5.8		RANDBURG
28	12	22	24.0	34	13.7	118	31.7	D	1.7	2.9		CALABASAS
28	14	21	33.1	34	4.1	117	19.0	A	2.4	8.0	R	SAN BERNARDINO
28	19	12	41.8	33	47.1	118	9.1	C	1.7	9.4		DUWNEY
29	12	46	4.4	33	21.3	116	23.9	A	2.3	8.0	R	CLARK LAKE
30	0	54	38.2	34	55.8	116	52.6	B	2.7	8.0	R	DAGGETT
30	6	20	33.1	34	18.4	118	18.3	A	2.6	8.0	R	SAN FERNANDO
30	6	25	8.8	34	15.8	118	19.7	B	1.9	8.0	R	SAN FERNANDO
30	6	33	39.3	34	17.6	118	19.0	A	2.5	8.0	R	SAN FERNANDO
30	7	52	39.0	34	17.1	118	19.8	C	1.7	5.9		SAN FERNANDO
30	7	52	56.3	34	17.1	118	19.8	C	1.7	5.8		SAN FERNANDO
30	9	56	54.0	34	22.6	118	22.0	C	1.7	5.9		SAN FERNANDO

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, OCT, 1973

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE			
1	0	2	40.4	34	14.1	118	32.6	C	1.7	5.0	CALABASAS	
1	13	35	44.9	33	53.2	118	47.1	D	1.7	5.0	OFF POINT DUME	
1	15	47	56.1	34	26.2	118	28.4	C	1.7	8.0	SAN FERNANDO	
2	4	0	12.6	37	34.1	118	20.0	D	2.6	8.0	WHITE MTN SW	
2	7	31	49.6	33	20.5	115	43.6	A	2.5	8.0	K FRINK	
2	22	20	24.2	34	25.3	118	20.7	C	1.7	2.9	SAN FERNANDO	
3	0	52	1.6	32	44.6	118	31.1	B	2.5	8.0	R CONTINENTAL SHELF	
3	1	34	55.2	37	23.7	118	4.9	D	2.5	1.5	BLANCO MTN	
3	2	7	54.7	36	51.3	119	32.8	C	3.2	8.0	CLOVIS	*
FELT BISHOP												
4	3	54	51.8	34	24.5	118	25.5	B	2.0	8.0	R SAN FERNANDO	
4	5	4	6.4	34	21.9	118	24.1	B	1.7	6.7	SAN FERNANDO	
5	16	47	47.8	34	14.8	116	47.5	B	3.3	8.0	K SAN GURGONIO MTN	
6	7	36	10.6	36	2.2	117	24.7	B	2.7	8.0	K MATURANGO PEAK	
6	8	45	22.3	34	21.5	118	21.3	C	1.7	4.3	SAN FERNANDO	
7	6	38	8.2	33	14.6	116	18.0	A	2.7	8.0	R BURREGO	
7	7	43	29.1	33	14.8	116	17.2	A	2.9	8.0	R BURREGO	
7	15	37	17.0	32	29.6	116	45.3	B	2.4	16.3	DESCANSO	M
7	16	39	31.4	37	40.6	118	50.1	B	3.5	8.0	MT MORRISON	
7	17	30	53.4	37	35.6	118	58.9	B	4.0	8.0	MT MORRISON	
9	10	18	48.4	34	20.5	118	22.4	C	1.7	3.3	SAN FERNANDO	
9	10	32	24.2	33	51.6	118	14.9	B	1.7	0.7	DOWNNEY	
9	13	24	10.0	33	57.5	117	0.7	A	2.3	8.0	K PERRIS	
9	22	39	16.6	33	44.7	117	32.4	A	2.7	8.0	K SANTIAGO PEAK	
10	10	12	19.2	34	28.9	118	24.8	A	2.7	8.0	K SAN FERNANDO	
FELT SYLMAR												
11	14	15	21.4	34	4.7	117	20.3	A	2.2	8.0	K SAN BERNARDINO	
12	0	35	40.0	32	47.6	116	31.0	A	2.7	8.0	K CUYAMACA PEAK	
12	4	25	18.5	34	1.6	118	53.1	B	2.6	8.0	K TRIUNFO PASS	
12	9	57	9.5	33	47.3	118	5.3	A	2.1	8.0	R DOWNNEY	
12	14	17	5.5	34	20.4	118	25.1	C	1.7	7.7	SAN FERNANDO	
12	17	20	32.8	37	23.6	118	47.7	B	3.4	8.0	MT ABBOT	
13	4	52	47.5	32	36.1	115	16.0	B	2.4	8.0	R CALEXICO	
13	13	55	45.1	34	24.6	116	50.3	A	2.8	8.0	R LUCERNE VALLEY	
14	7	31	51.8	34	23.2	116	39.3	A	3.3	8.0	K OLD WOMAN SPRINGS	
14	9	33	10.7	31	52.9	116	12.1	D	2.6	8.0	SANTO TOMAS	M
14	23	39	59.9	34	14.1	117	42.4	C	1.7	5.7	ONTARIO	
15	8	11	51.9	34	18.5	119	44.5	A	2.6	8.0	R SANTA BARBARA	
16	1	37	44.7	33	48.4	116	59.8	A	2.3	8.0	R BANNING	
16	8	12	39.5	34	20.3	118	16.7	D	1.7	5.6	SAN FERNANDO	
16	13	56	50.4	34	21.4	118	27.6	C	1.7	5.9	SAN FERNANDO	
16	14	53	52.4	31	36.1	115	49.8	D	4.9	8.0	SIERRA JUAREZ SE	M
16	15	0	37.7	31	47.4	115	50.8	D	3.1	8.0	SIERRA JUAREZ SE	M
16	15	56	21.8	31	48.5	116	2.9	D	2.9	8.0	SANTO TOMAS	M
16	18	25	40.0	31	48.7	115	59.5	D	3.2	12.1	SIERRA JUAREZ SE	M
16	23	22	46.8	34	2.4	117	5.3	D	1.7	1.4	RED MONDS	
17	8	20	5.8	33	57.8	117	46.8	A	2.2	8.0	R ANA M	
17	9	37	50.7	36	3.3	120	36.2	B	3.3	8.0	PRIEST VALLEY	*
17	11	16	39.5	32	29.2	115	28.0	B	3.0	8.0	R SIERRA CUCAPA	M
17	15	13	21.9	37	28.7	118	59.6	D	2.7	3.1	MT ABBOT	
17	15	22	13.9	37	31.3	119	4.1	C	2.8	8.0	DEVILS POSTPILE	*

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, OCT, 1973

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE	
17	15	31	52.8	37 36.0	119 9.9	B	3.4	8.0	R DEVILS POSTPILE	*
17	15	34	29.1	37 40.9	118 57.9	B	3.8	8.0	MT MURRISON	
18	10	40	3.1	34 25.4	118 25.9	B	2.1	8.0	R SAN FERNANDO	
18	17	38	31.8	35 0.5	116 50.8	B	1.9	8.0	LANE MTN	
19	1	41	37.2	32 39.5	116 41.4	B	3.1	8.0	R PUTRERO	
19	8	0	50.9	34 19.8	118 27.5	B	1.7	3.8	SAN FERNANDO	
19	11	16	12.0	33 57.4	117 46.6	A	1.9	8.0	R ANAHEIM	
19	18	37	19.8	33 36.2	118 20.0	A	3.1	8.0	R SAN PEDRO	
19	19	0	37.5	32 38.1	116 38.6	C	2.3	8.0	R PUTRERO	
20	1	33	33.5	34 4.5	116 32.9	A	2.8	8.0	R MURONGO VALLEY	
20	8	9	13.3	35 1.6	117 0.8	A	3.3	8.0	K UPAL MTN	
20	8	15	9.6	34 24.1	118 25.2	C	1.7	9.3	SAN FERNANDO	
20	10	12	54.8	34 16.3	117 29.1	A	2.4	8.0	R HESPERA	
20	13	26	50.3	34 16.8	118 15.4	D	1.7	5.9	SAN FERNANDO	
20	14	24	28.5	35 2.9	117 42.0	B	2.7	3.6	BURUN	
21	4	56	23.2	35 20.8	118 32.2	B	2.9	8.0	R BRECKENRIDGE MTN	
21	14	37	22.7	37 16.0	117 30.7	D	2.5	8.0	R MAGRUDER MTN	N
21	23	20	52.4	33 3.3	115 59.5	B	3.6	8.0	R KANE SPRING	
22	1	48	53.9	31 39.6	115 43.0	B	3.8	8.0	R SIERRA JUAREZ SE	M
22	21	2	53.8	34 21.8	118 23.3	C	1.7	6.9	SAN FERNANDO	
22	2	18	45.4	34 23.5	118 26.4	C	1.7	6.3	SAN FERNANDO	
22	4	57	57.1	33 49.1	117 43.4	A	3.3	8.0	R CORONA	
FELT SANTA ANA AREA										
23	7	7	20.8	33 40.8	116 49.1	A	2.6	8.0	R HEMET	
23	10	37	35.3	34 2.5	117 11.9	A	2.6	8.0	K REDLANDS	
23	13	36	28.2	33 31.6	118 23.5	B	2.4	8.0	R SAN PEDRO	
23	13	41	59.5	33 31.7	118 23.3	B	2.5	8.0	K SAN PEDRO	
23	16	38	30.2	34 25.5	118 23.9	B	2.0	8.0	K SAN FERNANDO	
24	0	58	22.7	33 31.0	118 20.9	B	2.3	8.0	K SAN PEDRO	
24	13	58	9.3	33 31.8	118 21.2	B	2.5	8.0	R SAN PEDRO	
24	21	3	30.8	33 58.7	117 46.4	C	1.7	9.3	ANAHEIM	
25	10	20	58.9	33 30.4	116 47.2	A	2.4	8.0	K HEMET	
25	23	7	9.0	33 47.5	116 5.9	A	2.9	8.0	K LUST HORSE MTN	
26	9	30	49.8	34 18.0	118 19.5	C	1.7	8.3	SAN FERNANDO	
26	13	56	5.9	34 22.5	118 33.8	B	1.7	4.1	SANTA SUSANA	
26	14	4	57.1	34 22.3	118 33.5	C	1.7	5.7	SANTA SUSANA	
26	16	45	12.5	34 0.5	118 54.3	B	2.6	8.0	R TRIUNFO PASS	
27	0	26	58.9	34 46.8	116 20.2	B	2.7	8.0	R CADDY MTS	
27	8	6	14.1	34 3.0	117 15.9	D	1.7	7.3	SAN BERNARDINO	
27	17	19	53.8	33 55.2	116 44.3	A	2.4	8.0	R PALM SPRINGS	
27	18	37	19.3	35 9.2	117 49.6	B	2.5	8.0	R CASTLE BUTTE	
27	20	40	33.7	34 27.2	118 25.3	C	1.7	4.3	SAN FERNANDO	
28	6	24	28.3	33 40.9	116 45.9	A	2.6	8.0	R HEMET	
28	7	24	5.9	34 22.3	118 24.0	B	1.7	6.0	SAN FERNANDO	
28	22	0	2.7	32 40.8	118 4.6	B	4.5	8.0	R SAN CLEMENTE ESCARPMENT	
FELT SAN DIEGO AND LAGUNA BEACH										
29	4	54	33.4	33 29.0	116 48.9	A	2.6	8.0	K PALOMAR MTN	
30	11	13	45.5	34 0.7	116 49.9	A	2.8	8.0	K SAN GORGONIO MTN	
30	15	39	29.0	34 3.3	117 18.7	C	1.7	9.9	SAN BERNARDINO	
30	19	48	9.9	34 18.1	118 18.7	D	1.7	7.3	SAN FERNANDO	
31	7	5	38.4	34 18.4	118 20.3	C	1.7	9.6	SAN FERNANDO	

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, OCT, 1973

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE		
31	8	58	18.4	34	25.8	118	28.4	C	1.7	3.5	SAN FERNANDO
31	10	5	37.7	34	19.0	118	27.8	B	1.7	9.5	SAN FERNANDO
31	16	19	56.2	35	44.5	118	20.4	A	2.5	8.0	ISABELLA
31	21	34	16.3	34	21.6	116	51.6	A	2.4	8.0	R LUCERNE VALLEY

NOV, 1973

1	11	31	1.8	35	37.7	118	21.7	A	2.7	8.0	ISABELLA	
1	11	33	55.4	35	7.8	118	35.3	B	2.4	8.0	CUMMINGS MTN	
1	22	43	59.6	34	14.2	119	31.9	B	2.8	8.0	R SANTA CRUZ I NE	M
2	0	50	40.3	31	28.7	115	49.0	D	2.7	8.0	VALLE TRINIDAD	
2	1	8	1.7	33	58.9	117	46.6	D	1.7	6.1	ANAHEIM	
2	13	50	14.3	33	0.2	116	27.0	B	2.8	8.0	BORREGO	
2	14	19	55.0	34	26.1	118	24.7	B	2.2	8.0	R SAN FERNANDO	
2	14	34	2.8	34	21.5	118	24.1	C	1.7	5.2	SAN FERNANDO	
3	5	28	35.9	34	21.5	118	22.6	B	1.7	4.7	SAN FERNANDO	
3	16	0	12.6	33	50.3	117	42.1	A	2.0	8.0	R CORONA	
3	23	26	8.5	33	29.4	116	46.0	A	2.2	8.0	R PALOMAR MTN	
4	0	29	24.9	33	58.8	116	48.7	B	3.0	8.0	R BANNING	
4	7	6	3.7	34	22.1	118	22.5	C	1.7	8.0	SAN FERNANDO	
4	15	11	2.4	34	5.3	117	18.3	D	1.7	6.2	SAN BERNARDINO	
5	5	13	18.8	35	3.4	118	57.5	B	2.1	8.0	R CUMANCHE POINT	
5	16	49	32.2	33	54.4	116	35.9	B	2.5	8.0	R PALM SPRINGS	
7	5	43	23.4	33	57.7	117	45.8	D	1.7	6.6	ANAHEIM	
7	17	47	16.9	33	22.6	116	16.5	A	2.4	8.0	R CLARK LAKE	
8	8	0	28.1	33	23.1	116	57.8	A	2.2	8.0	R PALOMAR MTN	
8	10	46	35.3	34	17.4	118	20.1	D	1.7	6.0	SAN FERNANDO	
8	12	29	53.7	33	23.5	116	57.2	A	1.2	8.0	R PALOMAR MTN	
8	12	40	12.8	33	23.5	116	58.0	A	2.3	8.0	R PALOMAR MTN	
8	12	44	57.5	34	23.5	118	23.8	C	1.7	9.7	SAN FERNANDO	
9	11	40	26.3	33	39.4	116	43.9	A	2.7	8.0	IDYLLWILD	
9	15	28	44.6	34	3.2	117	19.3	C	1.7	5.0	SAN BERNARDINO	
9	16	5	33.3	32	6.1	115	47.0	C	2.4	8.0	R LAGUNA SALADA	M
9	18	1	44.0	34	20.3	118	23.1	B	1.7	0.3	SAN FERNANDO	
10	11	27	53.2	32	0.6	116	1.7	B	2.8	3.5	SIERRA JUAREZ NW	M
10	13	15	57.7	34	25.9	118	24.3	B	2.2	8.0	R SAN FERNANDO	
10	16	22	34.7	34	8.6	117	25.0	C	1.8	5.8	SAN BERNARDINO	
11	6	23	1.2	33	29.0	116	25.1	B	2.3	8.0	R CLARK LAKE	
11	12	34	8.6	34	20.5	118	20.5	D	1.3	5.0	SAN FERNANDO	
11	13	59	60.0	34	21.1	118	24.3	C	1.0	9.3	SAN FERNANDO	
12	23	15	33.8	34	22.9	118	34.4	D	1.7	5.7	SANTA SUSANA	
12	23	25	55.0	33	44.9	118	20.2	D	1.7	5.0	SAN PEDRO	
13	0	52	17.0	31	57.9	116	58.5	D	3.3	8.0	ENSENADA	M
14	1	29	10.6	33	29.4	116	28.8	A	3.0	8.0	CLARK LAKE	
14	17	15	32.5	34	16.0	118	30.7	A	2.9	8.0	R SANTA SUSANA	
FELT ENCINO												
14	23	26	42.6	34	37.0	116	35.4	B	2.7	8.0	R RODMAN MTS	
16	0	28	0.5	32	48.8	115	27.7	B	3.0	12.6	HOLTVILLE	
16	6	30	51.6	34	16.1	118	19.3	C	1.7	5.8	SAN FERNANDO	
16	9	21	0.2	34	11.9	117	36.0	C	1.7	9.9	ONTARIO	
16	15	19	41.5	34	3.5	117	20.0	B	1.8	8.0	R SAN BERNARDINO	

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, NOV, 1973

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE
16	15	20	16.7	34	3.3	117 20.3	B	2.0	8.0 R SAN BERNARDINO
16	21	58	4.5	33	56.8	115 29.6	C	2.4	8.0 COXCOMB MTS
16	22	23	37.1	34	20.8	118 23.1	C	1.7	5.2 SAN FERNANDO
16	23	23	1.3	34	21.5	118 24.1	C	1.7	0.9 SAN FERNANDO
17	1	32	35.7	34	7.6	117 24.7	C	1.7	9.8 SAN BERNARDINO
17	23	38	36.7	33	58.1	116 17.3	A	2.7	8.0 R THOUSAND PALMS
18	7	30	0.2	33	58.4	118 21.5	A	3.2	8.0 REDONDO
FELT WEST LOS ANGELES									
18	7	35	47.0	33	59.5	118 21.5	C	1.7	5.3 REDONDO
19	2	29	35.4	34	25.2	118 22.4	A	3.3	8.0 R SAN FERNANDO
19	3	7	31.2	34	22.3	118 23.0	C	2.0	6.9 SAN FERNANDO
19	12	41	25.3	34	9.3	116 59.2	C	1.5	6.1 SAN GORGONIO MTN
19	18	57	56.4	33	57.7	117 47.2	A	3.1	8.0 R ANAHEIM
19	20	39	21.9	33	57.9	117 46.6	A	3.0	8.0 R ANAHEIM
19	21	15	50.3	33	44.3	117 29.7	A	2.3	8.0 R LAKE ELSINORE
19	22	34	29.8	33	57.8	116 17.7	A	2.7	8.0 R THOUSAND PALMS
20	0	15	42.6	33	57.5	116 17.3	A	2.7	8.0 R THOUSAND PALMS
20	0	25	38.8	33	57.3	116 16.6	C	2.2	11.8 THOUSAND PALMS
20	0	41	53.4	33	58.2	116 18.0	B	2.4	8.0 R THOUSAND PALMS
20	1	14	22.8	33	57.5	116 17.6	A	2.2	8.0 R THOUSAND PALMS
20	2	54	41.7	33	59.3	116 17.8	B	2.0	8.0 R THOUSAND PALMS
20	13	52	3.5	34	21.4	118 23.3	D	1.0	5.0 SAN FERNANDO
20	16	32	14.8	33	53.5	117 42.5	C	2.6	8.0 R CORONA
20	19	1	4.4	33	57.6	115 29.7	B	2.9	8.0 R COXCOMB MTS
20	20	0	22.0	33	50.7	117 29.6	C	1.4	4.5 RIVERSIDE
21	10	8	3.3	34	21.0	118 22.7	D	1.2	3.0 SAN FERNANDO
21	14	24	1.9	33	58.0	116 17.6	B	2.1	8.0 R THOUSAND PALMS
21	17	27	53.4	34	13.0	117 29.0	D	1.7	6.5 SAN BERNARDINO
21	19	35	15.8	32	38.3	117 55.7	B	2.9	8.0 R FORTY MILE BANK
22	1	19	38.3	34	25.0	118 24.1	D	1.7	2.1 SAN FERNANDO
22	3	43	53.1	33	56.9	116 15.8	A	2.9	8.0 R THOUSAND PALMS
22	14	9	27.0	33	56.2	116 17.1	A	2.5	8.0 R THOUSAND PALMS
22	14	40	29.3	33	58.2	116 40.2	B	2.4	8.0 R PALM SPRINGS
22	15	46	44.1	33	56.6	116 16.7	B	2.6	8.0 R THOUSAND PALMS
22	15	56	58.4	33	56.8	116 17.0	B	2.4	8.0 R THOUSAND PALMS
23	2	53	13.7	33	30.4	116 47.0	A	2.2	8.0 R HEMET
23	11	4	9.7	32	30.7	115 14.4	A	2.9	0.0 R MIDWAY WELL
23	20	36	55.8	33	42.6	116 39.3	B	2.3	8.0 R IDYLLWILD
24	11	40	6.2	33	58.4	117 46.9	C	1.7	7.3 ANAHEIM
25	19	25	16.2	34	10.3	117 39.2	D	2.2	9.8 ONTARIO
25	20	47	49.1	34	1.5	117 8.0	C	1.8	7.6 REDLANDS
26	5	44	58.6	32	59.4	115 33.3	A	3.2	8.0 R BRAWLEY
FELT BRAWLEY									
27	2	49	44.7	34	10.6	117 23.5	D	1.7	8.4 SAN BERNARDINO
27	10	32	52.1	33	56.3	116 16.9	B	2.7	8.0 R THOUSAND PALMS
27	12	4	42.5	33	56.5	116 16.8	A	2.3	8.0 R THOUSAND PALMS
27	12	31	55.2	33	56.8	116 17.8	B	2.4	8.0 R THOUSAND PALMS
27	18	49	53.2	33	0.1	115 33.6	A	2.5	8.0 R CALIPATRIA
28	7	29	27.7	32	58.7	115 33.3	A	2.5	6.0 R BRAWLEY
28	8	31	7.7	32	59.3	115 33.3	B	2.8	8.0 R BRAWLEY
28	9	24	30.3	34	21.4	118 19.8	C	1.7	5.9 SAN FERNANDO

M

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, NOV, 1973

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE
28	14	22	55.5	34 14.9	117 4.0	A	2.4	8.0 R	REDLANDS
28	20	20	33.2	32 43.0	117 11.9	B	2.5	14.7	SAN DIEGO
28	20	36	57.4	34 20.9	116 55.4	B	2.0	8.0	LUCERNE VALLEY
28	20	39	11.7	34 13.3	117 34.3	C	1.7	5.9	ONTARIO
29	0	27	53.2	33 58.1	116 49.9	A	2.3	8.0 R	BANNING
29	1	32	40.0	34 21.3	118 28.8	B	2.3	8.0	SAN FERNANDO
29	3	21	44.0	31 48.6	116 2.6	B	2.9	8.0 R	SANTO TOMAS
29	4	35	37.6	34 8.3	117 29.7	C	1.7	9.7	SAN BERNARDINO
29	11	25	20.0	33 59.4	118 24.0	A	2.5	8.0 R	REDONDO
30	11	55	15.9	32 50.1	115 38.0	B	2.5	8.0 R	BRAWLEY

DEC, 1973

1	3	46	16.5	33 20.6	116 53.3	B	1.9	8.0 R	PALOMAR MTN
1	8	11	47.2	32 56.6	115 32.0	B	2.6	8.0 R	BRAWLEY
1	15	13	48.7	32 57.1	115 32.1	B	2.6	8.0 R	BRAWLEY
2	0	59	55.1	34 13.5	117 5.3	A	2.4	8.0 R	REDLANDS
2	12	32	4.5	32 9.7	115 36.7	B	2.8	8.0 R	LAGUNA SALADA
3	7	11	3.0	33 51.5	117 50.8	B	1.7	5.0	ANAHEIM
3	7	28	41.8	34 24.1	113 18.9	B	3.0	8.0 R	SAN FERNANDO
FELT SAUGUS									
3	19	12	12.9	34 27.3	118 24.1	C	1.7	8.3	SAN FERNANDO
4	12	0	14.2	34 5.1	117 48.8	B	2.0	8.0 R	FONTANA
5	9	5	3.0	34 21.6	118 20.8	C	1.5	4.3	SAN FERNANDO
5	16	7	20.5	34 0.9	117 7.6	C	1.7	6.4	REDLANDS
6	0	35	58.8	32 48.4	116 32.3	A	2.3	8.0 R	CUYAMACA PEAK
6	14	9	14.2	32 45.8	116 11.1	B	3.1	8.0	CARRIZO MTN
6	15	54	51.8	35 42.1	117 28.2	B	2.4	8.0 R	SEARLES LAKE
6	19	34	53.8	34 21.3	116 51.4	B	2.2	8.0 R	LUCERNE VALLEY
6	21	7	0.2	34 23.5	118 21.3	D	1.5	7.5	SAN FERNANDO
6	21	25	45.2	34 25.4	116 45.6	D	2.4	8.0 R	LUCERNE VALLEY
7	8	11	16.8	36 22.1	117 51.4	B	2.5	8.0 R	KEELER
7	12	0	15.4	33 46.6	119 59.5	C	3.0	8.0	SANTA CRUZ I SW
7	13	13	48.3	33 58.5	117 47.4	C	1.6	8.1	ANAHEIM
7	15	19	22.5	33 58.3	117 34.3	D	1.8	8.0 R	CORONA
7	18	49	53.9	34 21.0	118 22.5	B	1.6	3.3	SAN FERNANDO
8	20	14	29.2	34 18.3	118 13.3	D	1.1	5.6	ACTON
9	6	59	3.8	34 6.0	113 10.8	B	2.0	8.0 R	PASADENA
9	15	36	14.8	33 59.7	118 24.5	B	2.0	8.0 R	REDONDO
10	9	0	48.8	34 3.6	118 22.4	C	1.7	3.7	SANTA MONICA
11	4	18	18.5	35 24.9	118 34.6	B	1.9	8.0 R	BECKENRIDGE MTN
11	4	55	29.0	34 3.6	117 12.3	A	2.5	8.0 R	REDLANDS
11	5	49	27.3	36 0.5	117 43.0	B	3.0	8.0 R	CUSD PEAK
11	22	49	24.9	35 5.8	118 21.3	B	2.4	8.0	TEHACHAPI
12	1	28	0.1	34 21.2	116 55.1	A	2.0	8.0	LUCERNE VALLEY
12	3	45	36.4	35 2.5	118 51.6	A	2.4	8.0	CUMANCHE PLINT
12	10	1	38.4	34 4.6	119 1.3	C	2.2	8.0	HUENEME
12	5	39	39.0	33 57.4	116 4.2	A	2.2	8.0 R	LUST HORSE MTN
12	6	46	22.4	34 9.5	117 29.6	A	2.2	8.0 R	SAN BERNARDINO
12	13	25	17.1	34 20.7	118 22.6	C	1.2	3.3	SAN FERNANDO
14	2	59	27.3	31 56.6	115 52.4	B	3.7	8.0 R	SIERRA JUAREZ SE

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, DEC, 1973

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE		
14	3	40	49.7	34	20.3	118	23.8	C	1.7	2.9	SAN FERNANDO
14	5	27	36.9	37	52.5	118	23.9	C	3.6	8.0	R BENTON
14	10	47	56.1	34	10.3	117	39.3	A	3.1	8.0	R ONTARIO
FELT CNTARIO											
14	12	11	28.6	33	58.2	117	9.7	C	2.2	0.4	PERRIS
14	19	21	37.9	34	25.0	118	33.4	A	2.4	8.0	SANTA SUSANA
15	6	9	15.2	34	12.6	117	41.0	A	2.2	8.0	R ONTARIO
15	7	47	12.9	33	41.8	116	48.4	A	2.3	8.0	R HEMET
15	20	11	33.8	33	49.0	117	45.8	D	2.0	5.0	ANAHEIM
16	2	45	30.0	33	58.9	117	45.8	C	2.2	8.1	ANAHEIM
16	4	25	21.7	33	50.3	118	9.1	C	1.9	5.0	DOWNEY
16	4	56	37.4	34	19.6	118	25.1	D	1.0	4.2	SAN FERNANDO
16	12	33	18.3	33	44.2	118	0.5	C	2.1	4.5	LAS BOLSAS
17	14	41	19.9	34	3.6	117	15.3	D	1.7	8.0	SAN BERNARDINO
18	0	52	14.9	33	58.1	117	46.5	C	2.3	8.7	ANAHEIM
18	14	34	27.4	34	0.9	117	13.9	C	2.3	6.6	REDLANDS
19	15	22	36.4	34	2.4	117	19.9	B	1.8	8.0	SAN BERNARDINO
20	4	30	17.7	34	4.2	117	59.4	C	1.0	9.1	FONTANA
20	14	23	20.9	34	0.3	118	57.5	A	2.6	8.0	R TRIUNFO PASS
20	20	42	17.7	32	22.8	115	9.9	C	3.3	8.0	R SIERRA CUCAPE
21	0	30	30.7	33	15.0	116	20.3	A	3.5	8.0	K CLARK LAKE
21	1	19	50.7	33	41.3	116	47.0	A	2.9	8.0	R HEMET
21	14	14	27.5	33	49.5	116	57.3	A	2.4	8.0	R BANNING
21	19	51	15.7	32	47.7	116	32.0	B	2.5	8.0	K CUYAMACA PEAK
21	21	24	32.7	34	21.8	118	19.8	D	1.7	5.0	SAN FERNANDO
21	23	2	24.3	37	24.5	118	10.6	C	2.8	8.0	R BLANCO MTN
22	2	46	33.6	33	24.6	116	20.7	A	2.5	8.0	R CLARK LAKE
23	10	4	27.4	34	0.1	117	36.1	A	2.7	8.0	R ONTARIO
24	5	53	31.9	34	21.5	118	20.5	A	2.6	19.5	SAN FERNANDO
24	6	10	13.7	33	59.2	118	15.9	B	1.8	11.0	REDONDO
24	6	23	44.6	34	14.7	119	36.9	A	2.5	5.3	CALABASAS
24	6	36	5.7	33	58.2	118	16.9	C	1.9	2.3	REDONDO
24	16	43	38.0	34	26.5	117	46.4	A	2.0	12.5	VALYERMO
24	19	0	33.1	34	22.8	118	19.4	D	1.9	5.3	SAN FERNANDO
24	21	2	8.2	33	13.9	116	1.2	B	2.5	8.0	R BURREGO MTN
25	6	9	3.8	34	20.6	118	31.2	A	2.8	16.3	SANTA SUSANA
25	9	52	52.1	33	14.3	116	1.9	A	2.4	8.0	K BURREGO MTN
25	10	1	57.0	32	59.2	116	16.3	B	1.8	8.0	R MT LAGUNA
25	11	23	59.9	34	20.7	118	30.4	B	1.3	2.3	SANTA SUSANA
25	17	0	34.3	34	14.9	118	33.4	C	2.2	2.3	CALABASAS
25	17	43	13.7	34	9.7	117	38.9	C	1.7	6.1	ONTARIO
25	20	16	22.6	34	15.3	118	35.8	C	1.4	4.2	SANTA SUSANA
25	21	6	18.0	37	30.3	118	28.0	C	2.9	4.5	WHITE MTN SW
26	1	10	17.9	34	24.4	117	46.1	A	1.5	8.0	R VALYERMO
26	5	28	26.9	33	59.8	118	0.2	B	2.2	5.7	DOWNEY
26	10	23	50.1	34	25.2	118	34.0	D	2.1	6.5	SANTA SUSANA
26	10	41	7.4	34	16.3	116	51.6	A	2.2	8.0	K LUCERNE VALLEY
27	1	35	56.4	31	24.5	115	57.4	D	3.2	8.0	K VALLE TRINIDAD
27	13	49	13.8	33	31.8	116	30.1	A	2.9	8.0	R IDYLLWILD
27	14	28	46.2	33	59.1	118	14.4	B	1.5	8.0	R DOWNEY
28	0	32	57.5	34	12.3	117	33.6	A	2.1	8.0	ONTARIO

M

M

A-43

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, DEC, 1973

A-43

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE
28	15	30	26.6	33 34.7	117 44.2	A	3.6	0.0	SANTIAGO PEAK
				FELT LAGUNA BEACH AND CORONA					DEL MAR
29	21	23	19.0	32 46.4	115 26.1	A	2.4	17.4	HOLTVILLE
30	13	46	35.5	32 47.1	115 26.1	A	2.5	14.4	HOLTVILLE
31	14	0	53.7	35 1.9	118 59.2	A	3.3	0.0	COMANCHE POINT
31	17	22	45.0	34 20.8	118 31.1	C	1.7	7.7	SANTA SUSANA

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, JAN, 1974

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE			
1	3	22	53.4	35	56.1	118	7.3	B	2.4	3.6	LAMONT PEAK	
2	8	50	30.0	34	19.7	118	23.7	C	1.1	1.2	SAN FERNANDO	
2	10	27	53.9	34	25.9	118	24.8	C	1.7	2.9	SAN FERNANDO	
2	11	32	13.3	34	16.7	118	25.9	C	1.8	5.0	SAN FERNANDO	
2	13	4	14.0	34	19.0	117	38.4	D	1.6	5.6	SAN ANTONIO	
2	13	49	55.9	35	33.1	117	15.8	B	4.2	6.5	SEARLES LAKE	
3	0	20	30.4	34	19.6	118	16.7	C	1.2	8.0	SAN FERNANDO	
3	5	49	22.0	33	6.0	115	37.7	B	2.7	14.8	CALIPATRIA	
4	2	0	31.2	31	42.7	115	60.0	C	2.7	5.1	SIERRA JUAREZ SE	M
4	2	39	44.8	34	21.0	118	25.2	B	2.0	5.4	SAN FERNANDO	
4	4	22	37.6	34	21.0	118	24.1	C	1.1	5.0	SAN FERNANDO	
4	20	39	14.5	34	0.7	117	58.5	B	2.2	5.7	FONTANA	
6	9	28	12.0	34	12.7	118	22.2	D	1.7	5.8	SANTA MONICA	
6	22	14	45.1	33	59.8	117	12.5	A	2.0	15.7	PERRIS	
6	23	1	55.8	33	29.3	116	49.1	B	1.9	8.0	PALMAR MTN	
7	5	18	6.2	34	8.3	116	40.9	B	2.6	11.4	MORONGO VALLEY	
7	7	52	26.5	34	18.1	118	16.5	D	1.0	7.2	SAN FERNANDO	
7	11	0	56.3	34	23.1	116	50.7	B	2.8	4.9	LUCERNE VALLEY	
8	9	59	2.5	32	20.7	116	18.1	C	3.5	28.1	SIERRA JUAREZ NW	M
8	12	50	24.1	34	20.8	118	25.0	B	1.2	4.2	SAN FERNANDO	
8	16	58	46.4	33	55.8	116	18.3	B	2.5	8.0	THOUSAND PALMS	
8	17	22	32.3	33	56.3	116	19.5	B	2.5	8.0	THOUSAND PALMS	
9	5	52	30.6	34	22.9	118	25.8	A	2.0	6.5	SAN FERNANDO	
9	5	36	0.6	33	55.1	116	18.7	B	2.5	5.8	THOUSAND PALMS	
9	6	57	17.1	34	24.7	118	36.4	C	1.7	5.0	SANTA SUSANA	
9	6	57	18.4	34	23.5	118	30.5	D	1.5	8.5	SANTA SUSANA	
9	7	17	34.7	33	56.8	116	15.9	B	2.8	2.8	THOUSAND PALMS	
9	14	47	25.2	33	55.3	116	17.4	C	2.5	5.4	THOUSAND PALMS	
9	14	52	59.1	33	55.7	115	19.0	B	2.3	5.8	THOUSAND PALMS	
9	15	14	23.1	33	2.3	115	37.0	C	2.5	8.0	CALIPATRIA	
10	13	42	0.1	34	4.2	119	4.1	B	2.8	11.6	HUENEME	
11	0	11	0.1	31	55.7	115	39.9	D	2.6	8.0	SIERRA JUAREZ SE	M
11	1	13	38.5	34	44.4	116	26.5	B	2.7	2.0	LAVIC	
11	22	35	10.6	34	24.4	118	20.2	C	1.5	2.5	SAN FERNANDO	
12	2	24	10.3	34	6.1	118	56.7	B	2.6	14.9	TRIUNFO PASS	
12	5	9	9.6	33	27.6	116	38.8	B	2.2	22.1	WARNER SPRINGS	
12	12	42	54.3	33	15.8	116	15.6	B	2.0	5.4	CLARK LAKE	
12	16	4	27.5	33	58.6	117	29.4	B	2.7	8.0	RIVERSIDE	
14	5	13	37.4	34	16.9	116	55.7	A	2.3	12.1	LUCERNE VALLEY	
14	7	16	2.7	34	14.0	117	10.0	B	2.2	5.6	REDLANDS	
14	13	46	22.6	35	43.4	118	3.9	B	2.5	11.6	UNYX	
15	9	11	56.8	31	51.2	116	15.8	C	2.9	3.9	SANTO TOMAS	M
16	4	0	5.0	31	47.4	115	47.0	C	2.7	8.0	SIERRA JUAREZ SE	M
16	12	47	56.8	32	54.8	116	16.5	B	2.1	8.0	MT LAGUNA	
17	8	30	51.4	33	52.2	118	18.1	B	2.8	12.6	REDONDO	
FELT LAWNDALE												
17	22	46	31.7	33	58.2	118	20.2	C	1.7	8.8	SAN PEDRO	
18	0	26	53.6	34	2.2	117	2.7	B	2.9	15.3	REDLANDS	
18	8	37	8.1	32	19.5	117	41.0	D	2.5	8.0	CONTINENTAL SHELF	M
18	18	33	19.7	32	49.8	117	1.4	B	2.3	5.0	LA JOLLA	
18	22	57	21.1	33	59.8	118	1.6	C	1.7	5.0	DOWNNEY	

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, JAN, 1974

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE
18	23	51	34.3	33 54.9	117 39.6	D	1.7	5.0	CORONA
19	5	36	37.2	32 51.0	115 43.4	B	2.8	7.1	BRAWLEY
19	13	13	36.9	34 21.4	117 3.1	A	3.8	5.3	LAKE ARROWHEAD
FELT VICTORVILLE									
20	5	56	51.9	34 23.5	116 7.3	B	2.9	8.3	DEADMAN LAKE
20	6	48	3.6	34 23.2	116 8.4	B	2.3	6.2	DEADMAN LAKE
20	8	47	56.1	33 58.6	117 17.6	C	1.9	12.5	RIVERSIDE
20	8	50	59.6	34 23.1	116 8.5	C	2.2	8.0	DEADMAN LAKE
20	10	41	52.2	34 23.4	116 7.3	B	2.3	6.0	DEADMAN LAKE
21	4	52	49.7	35 4.7	118 20.5	B	2.5	8.2	TEHACHAPI
21	11	26	9.3	34 24.7	116 51.4	A	2.7	2.8	LUCERNE VALLEY
21	17	51	44.3	33 28.8	117 7.9	D	2.0	6.0	TEMECULA
21	18	35	54.9	34 26.4	118 51.8	D	1.7	9.4	PIRU
22	4	57	38.6	34 20.2	118 27.3	C	1.7	3.2	SAN FERNANDO
22	19	7	58.6	34 23.5	118 24.1	C	1.7	9.3	SAN FERNANDO
23	1	37	58.3	36 23.8	120 22.5	B	3.3	12.4	JUAQUIN ROCKS
23	1	43	3.4	34 45.3	119 46.4	D	2.2	19.0	MCPHERSON PEAK
23	1	43	36.9	34 26.6	119 42.9	C	2.7	25.0	SANTA BARBARA
23	3	29	18.7	34 1.9	118 24.1	C	1.7	4.0	SANTA MONICA
23	6	15	24.7	32 5.0	115 48.6	C	3.5	8.0	LAGUNA SALADA
23	21	45	4.5	35 10.1	118 20.8	C	2.2	8.0	TEHACHAPI
23	21	51	3.8	35 3.4	118 19.4	B	2.6	3.5	TEHACHAPI
23	23	46	50.7	34 0.8	118 15.1	C	1.7	5.0	SANTA MONICA
24	2	57	12.0	34 0.8	118 15.8	C	1.5	3.7	SANTA MONICA
24	5	2	0.8	35 4.0	119 2.9	A	4.3	6.4	CONNER
24	5	15	10.3	35 4.1	119 1.2	B	2.5	5.0	CONNER
24	7	26	25.0	34 17.9	117 38.2	D	1.5	5.3	SAN ANTONIO
25	1	4	33.9	34 18.8	118 17.8	C	1.7	8.2	SAN FERNANDO
25	7	27	21.0	33 58.1	118 37.4	D	1.7	0.3	SANTA MONICA BAY
25	9	35	27.1	35 1.3	117 6.0	B	2.4	5.0	OPAL MTN
25	18	33	11.6	33 54.5	118 27.3	D	1.7	5.0	REDONDO
26	10	49	5.0	35 30.1	117 15.3	B	2.5	4.3	SEARLES LAKE
26	12	36	26.1	35 1.7	117 5.5	B	3.0	4.1	OPAL MTN
26	14	50	4.2	35 55.3	116 58.9	B	2.5	15.0	BANNING
26	22	1	38.7	34 5.6	118 30.1	C	1.7	4.1	CALABASAS
27	0	42	46.4	35 1.6	117 5.2	B	2.7	4.9	OPAL MTN
27	2	37	12.5	35 1.7	117 5.8	B	2.2	5.6	OPAL MTN
27	7	43	23.1	34 20.7	118 21.7	D	1.7	5.0	SAN FERNANDO
27	21	28	54.8	32 56.1	116 23.6	B	2.9	22.1	MT LAGUNA
27	21	50	29.1	31 21.4	115 35.3	D	4.0	8.0	VALLE TRINIDAD
29	2	48	33.5	31 59.4	116 11.2	D	2.9	0.1	SANTO TOMAS
29	3	35	29.8	31 38.0	115 60.0	C	3.6	8.0	SIERRA JUAREZ SE
29	6	55	50.3	34 16.8	116 50.3	A	2.2	7.3	LUCERNE VALLEY
29	9	6	23.7	34 25.5	118 26.3	C	1.5	2.1	SAN FERNANDO
29	14	46	8.6	37 36.4	118 59.4	D	2.8	8.0	MT MORRISON
29	22	38	38.0	34 19.9	116 52.2	B	2.0	1.6	LUCERNE VALLEY
29	22	46	31.7	34 20.8	116 51.5	B	1.9	3.9	LUCERNE VALLEY
30	0	38	40.9	32 39.7	115 47.9	B	3.1	11.8	COYOTE WELLS
30	7	6	31.4	33 30.8	116 31.8	A	3.3	10.6	IDYLLWILD
30	7	12	34.2	37 18.0	118 37.8	D	3.1	8.0	MT TOM
30	20	44	53.9	34 7.7	118 32.8	D	1.7	5.0	CALABASAS

*

M

M

M

M

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, JAN, 1974

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE
31	0	4	19.4	33 30.9	116 32.4	B	2.5	1.9	IDYLLWILD
31	1	43	16.5	34 24.8	117 44.5	B	2.3	1.9	SAN ANTONIO
31	6	5	28.6	34 2.2	117 1.9	A	3.8	11.4	REDLANDS
FELT RIVERSIDE AREA ANAHEIM									
31	6	27	39.1	34 17.9	118 19.5	D	1.7	6.1	SAN FERNANDO
31	6	36	19.3	34 1.5	117 2.8	B	2.3	14.7	REDLANDS

FEB, 1974

1	1	14	35.9	32 47.7	115 34.6	C	2.8	8.0	BRAWLEY	
1	1	37	9.3	32 21.1	115 14.6	C	4.1	12.1	SIERRA CUCAPA	M
1	1	50	42.2	32 9.8	115 7.4	D	2.6	8.0	SIERRA CUCAPA	M
1	1	55	10.7	32 21.6	115 13.0	C	3.7	8.0	SIERRA CUCAPA	M
1	8	9	29.4	34 24.8	118 22.8	A	1.7	9.3	SAN FERNANDO	
1	19	21	17.3	35 3.2	119 3.4	B	2.5	20.5	CUNNER	
1	23	25	47.4	35 20.4	118 30.3	C	2.5	8.0	BRECKENRIDGE MTN	
2	9	39	47.5	35 21.3	118 34.6	B	2.9	7.9	BRECKENRIDGE MTN	
2	12	19	54.0	34 12.3	117 28.4	C	1.7	7.2	SAN BERNARDINO	
3	9	51	48.6	34 25.4	118 27.4	D	1.7	6.0	SAN FERNANDO	
3	14	24	26.8	34 24.4	118 24.1	C	1.7	1.0	SAN FERNANDO	
4	10	17	54.1	34 0.4	117 15.9	D	2.2	9.1	SAN BERNARDINO	
4	12	3	55.6	33 59.7	117 16.2	B	2.1	17.7	RIVERSIDE	
4	12	4	55.3	34 2.5	117 16.7	C	2.1	7.9	SAN BERNARDINO	
4	12	6	27.3	33 29.2	116 31.4	B	2.6	13.3	WARNER SPRINGS	
5	12	47	14.2	32 28.0	115 25.1	D	2.5	8.0	SIERRA CUCAPA	M
6	1	11	56.3	33 19.6	116 15.7	B	2.7	12.7	CLARK LAKE	
6	1	48	9.8	33 30.8	116 43.8	C	2.0	8.0	IDYLLWILD	
6	1	48	47.6	33 29.2	116 43.1	B	2.5	8.0	WARNER SPRINGS	
6	3	39	3.3	34 14.0	118 20.3	C	1.2	9.6	SANTA MONICA	
7	6	26	5.9	34 20.7	118 18.7	D	1.6	2.8	SAN FERNANDO	
7	7	36	8.0	33 38.2	118 15.9	C	2.2	8.0	ISABELLA	
7	21	30	43.1	33 27.8	116 57.3	C	1.8	12.2	PALOMAR MTN	
7	22	3	6.3	33 30.0	116 46.8	B	2.5	11.7	HEMET	
8	5	5	55.4	33 42.5	116 50.6	B	2.8	16.6	HEMET	
8	10	45	14.9	34 24.2	118 24.1	C	1.7	1.6	SAN FERNANDO	
9	1	27	5.0	34 19.8	118 28.3	C	1.7	0.8	SAN FERNANDO	
9	3	13	57.7	33 29.2	116 47.5	B	2.2	10.6	PALOMAR MTN	
9	7	44	9.2	33 24.8	117 3.3	C	1.5	6.7	TEMECULA	
9	13	57	10.5	33 23.7	117 6.1	C	1.7	3.0	TEMECULA	
9	18	27	13.9	33 56.0	117 51.0	D	1.7	8.7	ANAHEIM	
10	15	6	2.3	34 0.4	118 23.5	B	2.3	8.0	SANTA MONICA	
10	15	18	16.8	35 31.5	116 20.1	C	2.5	8.0	AVAWATZ PASS	
11	5	46	56.9	32 50.5	116 35.2	D	2.0	3.4	CUYAMACA PEAK	
11	12	10	26.3	33 27.3	116 33.9	B	3.4	8.0	WARNER SPRINGS	
11	12	11	14.4	33 26.4	116 34.4	B	3.4	14.8	WARNER SPRINGS	
11	12	17	22.6	33 27.3	116 32.8	A	2.4	5.2	WARNER SPRINGS	
11	12	20	56.8	34 6.2	118 14.2	A	3.4	13.5	PASADENA	
FELT SILVER LAKE DISTRICT										
11	12	23	25.4	34 7.4	118 16.8	C	1.7	4.8	SANTA MONICA	
11	13	2	49.5	34 17.7	118 21.4	C	1.7	6.3	SAN FERNANDO	
11	18	39	46.9	34 21.0	118 21.4	C	2.1	3.9	SAN FERNANDO	

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, FEB, 1974

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE		
13	10	24	37.6	34	1.6	117	5.6	C	1.7	0.1	REDLANDS
13	21	47	22.5	35	3.6	118	19.1	B	2.3	0.1	TEHACHAPI
14	4	44	5.3	34	25.5	118	24.1	D	1.4	9.8	SAN FERNANDO
14	9	56	58.0	34	15.4	116	48.6	B	3.0	8.0	LUCERNE VALLEY
14	12	33	16.6	34	26.3	119	5.0	B	2.5	8.0	SANTA PAULA
14	17	32	35.6	31	49.7	116	1.8	C	3.1	16.6	SANTO TOMAS
15	14	44	29.0	34	25.1	118	22.5	A	3.6	10.2	SAN FERNANDO
FELT SAUGUS AREA											
15	14	45	35.3	34	27.3	118	20.9	B	2.7	6.0	SAN FERNANDO
15	18	56	36.1	34	5.5	118	14.7	B	2.1	8.0	PASADENA
16	1	22	40.6	34	23.5	118	23.6	C	1.7	0.9	SAN FERNANDO
16	10	41	1.7	34	11.9	117	36.4	C	2.2	5.6	ONTARIO
16	13	1	50.7	34	21.5	117	1.7	A	3.0	5.1	LAKE ARROWHEAD
16	22	14	27.9	35	27.8	116	27.9	B	2.6	7.7	CLARK LAKE
16	22	47	2.6	35	20.0	116	18.1	B	2.2	8.0	CLARK LAKE
17	5	24	3.5	34	23.5	118	23.5	C	1.7	9.6	SAN FERNANDO
17	14	28	14.9	34	1.8	117	17.3	C	1.7	7.5	SAN BERNARDINO
17	21	26	49.7	35	28.1	116	29.3	B	2.2	21.5	CLARK LAKE
18	7	18	2.6	34	23.5	116	48.0	D	3.3	8.0	LUCERNE VALLEY
18	8	14	45.3	34	20.9	118	22.2	C	1.7	2.3	SAN FERNANDO
18	10	13	50.3	33	47.7	118	30.7	C	1.7	5.0	SANTA MONICA BAY
18	13	12	21.0	34	11.6	117	36.4	B	2.6	3.9	ONTARIO
18	13	30	29.9	34	11.7	117	36.1	C	1.7	8.0	ONTARIO
19	6	7	55.0	35	46.3	116	5.4	B	3.1	8.0	LOST HORSE MTN
19	6	42	5.5	35	0.7	117	48.2	B	3.0	11.5	GULF OF SANTA CATALINA
19	10	35	18.6	32	21.7	116	16.1	D	2.0	3.5	SIERRA JUAREZ NW
20	5	18	15.6	35	57.6	119	25.8	B	2.5	8.0	ANACAPA I SOUTH
20	6	17	21.1	35	4.0	116	41.5	B	2.6	15.5	SANTA YSABEL
20	12	41	52.6	34	12.0	117	36.8	C	2.2	8.3	ONTARIO
20	23	21	32.6	34	7.4	118	15.2	A	2.4	8.0	SANTA MONICA
FELT GLENDALE BURBANK											
21	4	38	24.9	32	59.6	115	55.3	B	3.1	8.0	PLASTER CITY
21	5	4	33.0	36	5.0	119	46.4	B	2.7	0.8	STRATFORD
21	6	20	11.3	35	49.6	117	38.5	B	2.5	4.8	MOUNTAIN SPRINGS CANYON
21	18	37	17.9	34	19.0	118	18.2	C	1.4	8.4	SAN FERNANDO
22	20	15	57.5	32	56.4	116	24.0	B	2.5	12.7	MT LAGUNA
23	0	29	55.9	33	6.3	117	14.3	D	1.9	12.7	ESCONDIDO
24	2	52	49.4	35	55.5	117	39.9	B	2.6	8.0	MOUNTAIN SPRINGS CANYON
24	5	36	3.4	34	1.9	117	12.0	C	1.7	6.5	REDLANDS
24	11	51	0.3	34	7.3	118	16.4	D	1.7	7.0	SANTA MONICA
24	11	51	42.6	34	13.4	117	36.8	C	1.7	5.0	ONTARIO
25	5	20	52.0	34	24.5	118	24.1	C	1.9	0.3	SAN FERNANDO
25	10	45	48.3	35	2.7	116	30.0	B	2.2	13.3	SANTA YSABEL
25	10	51	23.2	34	11.4	118	34.6	D	1.9	2.7	CALABASAS
25	10	52	32.8	34	10.4	118	35.8	D	1.4	5.0	CALABASAS
25	11	34	39.6	34	16.9	116	49.2	B	2.6	11.2	LUCERNE VALLEY
25	11	40	18.0	34	21.7	117	4.2	B	1.9	8.0	LAKE ARROWHEAD
25	15	47	42.6	34	22.5	118	26.2	A	2.9	9.5	SAN FERNANDO
25	15	49	37.3	34	22.5	118	25.9	B	2.0	5.6	SAN FERNANDO
25	16	5	37.5	34	21.9	118	25.8	B	2.0	9.8	SAN FERNANDO
25	16	5	38.0	34	21.1	118	27.6	B	2.0	8.0	SAN FERNANDO

M

M

*

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, FEB, 1974

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE		
25	17	35	29.7	34	23.1	118	27.9	C	1.6	5.0	SAN FERNANDO
25	20	33	37.2	34	21.9	118	26.0	B	2.0	9.4	SAN FERNANDO
25	20	45	42.4	34	21.5	118	26.8	B	1.8	7.3	SAN FERNANDO
26	5	33	54.5	34	22.1	118	25.5	C	1.7	0.3	SAN FERNANDO
26	12	54	36.0	34	11.0	117	21.8	B	1.8	5.2	SAN BERNARDINO
26	13	7	47.5	34	21.9	118	24.6	C	1.3	1.8	SAN FERNANDO
26	16	36	20.4	34	22.2	118	24.8	C	1.5	1.6	SAN FERNANDO
26	17	22	23.2	33	28.4	116	26.9	B	2.5	3.9	CLARK LAKE
27	0	39	48.0	34	22.1	118	24.1	D	1.4	1.0	SAN FERNANDO
27	5	41	18.0	34	4.2	118	4.0	A	2.5	12.9	PASADENA
FELT MONTEREY PARK ALHAMBRA											
27	8	7	26.7	34	11.5	117	33.6	B	2.5	4.1	ONTARIO
27	12	25	36.5	34	13.6	119	31.8	B	2.5	11.8	SANTA CRUZ I NE
27	15	14	36.1	34	22.6	118	24.1	B	1.2	3.6	SAN FERNANDO
27	19	38	26.2	34	20.7	117	5.0	D	2.2	5.9	LAKE ARROWHEAD
28	17	30	26.8	34	20.5	118	30.8	B	1.4	2.2	SANTA SUSANA

MAR, 1974

1	3	14	9.4	33	57.6	117	46.7	C	2.2	5.0	ANAHEIM
1	5	42	33.1	34	22.5	118	24.5	B	1.4	1.3	SAN FERNANDO
1	8	3	57.8	34	20.0	117	37.6	D	2.2	8.8	SAN ANTONIO
1	11	22	3.3	34	20.9	117	5.9	B	2.4	8.0	LAKE ARROWHEAD
2	0	8	36.7	32	44.3	116	31.3	B	2.3	8.0	POTRERO
3	10	43	30.1	33	24.9	116	25.3	B	2.3	8.0	CLARK LAKE
3	16	29	2.1	34	21.0	118	31.3	A	2.9	8.0	SANTA SUSANA
3	16	32	39.0	34	7.6	118	45.5	B	2.6	8.0	TRIUNFO PASS
3	16	59	24.0	34	5.3	118	59.2	B	2.6	13.2	TRIUNFO PASS
4	0	34	12.7	34	19.6	118	30.0	C	2.0	6.4	SANTA SUSANA
4	0	41	8.3	34	20.8	118	31.0	B	2.0	2.2	SANTA SUSANA
4	3	23	29.3	34	12.2	117	29.3	C	2.0	6.6	SAN BERNARDINO
4	8	3	56.0	32	33.1	114	46.7	D	2.7	3.9	GRAYS WELL
4	9	5	14.9	34	20.5	118	30.4	B	1.6	2.7	SANTA SUSANA
4	20	10	51.2	34	5.2	117	19.0	D	1.8	7.9	SAN BERNARDINO
5	5	30	7.7	34	20.9	118	20.4	C	1.7	2.9	SAN FERNANDO
5	13	44	41.3	34	8.8	117	43.0	B	2.3	4.4	ONTARIO
5	21	9	57.0	34	8.3	118	6.1	B	1.9	8.9	PASADENA
6	1	52	34.4	34	6.4	118	13.3	B	2.6	12.7	PASADENA
FELT LA CANADA SANTA FE SPRINGS HIGHLAND PARK											
6	6	29	8.1	33	55.4	118	40.3	C	2.1	5.0	SANTA MONICA BAY
6	7	57	8.4	32	27.3	115	12.6	C	2.5	8.0	SIERRA CUCAPA
6	14	23	20.2	34	22.0	118	26.2	A	1.8	8.8	SAN FERNANDO
6	14	23	51.4	34	20.8	118	27.1	A	1.8	6.4	SAN FERNANDO
6	14	37	1.5	34	21.6	118	26.3	B	2.4	7.0	SAN FERNANDO
6	14	52	3.0	34	22.3	118	25.6	B	2.0	9.5	SAN FERNANDO
6	17	2	27.5	34	21.1	118	25.8	B	2.2	5.3	SAN FERNANDO
6	20	1	3.0	34	20.3	116	55.7	A	2.2	8.0	LUCERNE VALLEY
7	6	29	12.7	34	8.9	118	31.5	C	1.9	4.2	CALABASAS
7	8	23	14.0	34	25.5	118	24.8	C	1.4	1.3	SAN FERNANDO
7	20	0	4.6	34	21.8	118	25.9	A	2.6	8.0	SAN FERNANDO
8	2	22	41.6	34	23.5	118	23.2	C	1.2	8.8	SAN FERNANDO

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, MAR, 1974

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE
8	13	20	47.0	33 43.8	118 0.6	D	2.2	9.8	LAS BOLSAS
8	18	1	58.0	34 22.0	118 25.1	B	1.7	1.6	SAN FERNANDO
8	18	2	26.0	34 22.6	118 25.7	B	2.9	11.9	SAN FERNANDO
8	21	4	8.4	34 20.5	118 25.2	B	2.0	4.9	SAN FERNANDO
9	0	54	13.2	34 22.9	118 26.2	A	3.5	10.1	SAN FERNANDO
FELT OVER LOS ANGELES COUNTY									
9	0	54	31.9	34 23.9	118 28.4	C	4.7	24.4	SAN FERNANDO
FELT SAN FERNANDO									
9	1	2	52.6	34 22.2	118 25.9	B	1.7	0.3	SAN FERNANDO
9	1	3	44.0	34 22.3	118 26.4	B	1.7	9.5	SAN FERNANDO
9	1	4	14.7	34 21.6	118 25.4	B	2.6	8.3	SAN FERNANDO
9	1	7	12.9	34 23.5	118 24.1	D	1.7	2.7	SAN FERNANDO
9	1	10	4.6	34 21.0	118 25.6	C	1.5	8.1	SAN FERNANDO
9	1	10	59.6	34 22.0	118 25.7	B	1.7	0.5	SAN FERNANDO
9	1	11	29.4	34 19.9	118 25.7	C	2.0	2.7	SAN FERNANDO
9	1	13	51.7	34 23.5	118 19.6	D	1.9	2.6	SAN FERNANDO
9	1	19	18.3	34 20.8	118 25.2	C	1.5	6.6	SAN FERNANDO
9	1	22	52.3	34 22.4	118 27.1	A	3.0	8.0	SAN FERNANDO
9	1	31	43.8	34 21.5	118 25.0	B	1.7	6.8	SAN FERNANDO
9	1	37	31.7	34 21.9	118 24.1	C	1.4	9.8	SAN FERNANDO
9	1	46	16.9	34 21.4	118 24.1	C	1.3	0.2	SAN FERNANDO
9	1	53	39.4	34 22.2	118 24.1	D	1.4	2.0	SAN FERNANDO
9	1	57	24.7	34 22.4	118 24.1	D	1.3	0.3	SAN FERNANDO
9	2	9	40.4	34 22.0	118 26.6	B	1.2	9.0	SAN FERNANDO
9	2	11	47.6	34 22.8	118 25.8	C	1.7	1.6	SAN FERNANDO
9	2	29	18.3	34 22.3	118 24.5	C	1.1	0.6	SAN FERNANDO
9	2	35	25.4	34 22.3	118 24.1	D	1.3	0.8	SAN FERNANDO
9	2	49	13.1	34 22.4	118 24.1	D	1.2	1.7	SAN FERNANDO
9	2	58	55.9	34 21.3	118 24.1	D	1.3	8.8	SAN FERNANDO
9	3	12	59.4	34 22.3	118 24.5	D	1.9	0.8	SAN FERNANDO
9	3	18	15.1	34 22.1	118 25.0	D	1.8	2.4	SAN FERNANDO
9	3	19	57.0	34 21.3	118 26.7	B	1.8	6.5	SAN FERNANDO
9	3	25	9.9	34 22.1	118 24.1	D	1.4	0.5	SAN FERNANDO
9	3	30	25.9	34 22.6	118 25.0	B	2.6	2.6	SAN FERNANDO
9	3	41	36.2	34 6.2	118 19.0	C	2.0	6.8	SANTA MONICA
9	4	10	11.9	34 21.9	118 25.3	B	1.6	8.7	SAN FERNANDO
9	4	19	9.1	34 23.0	118 26.3	A	3.2	10.6	SAN FERNANDO
9	5	2	29.9	34 22.6	118 24.9	D	1.7	3.1	SAN FERNANDO
9	5	2	41.4	34 21.2	118 26.0	C	1.9	8.1	SAN FERNANDO
9	5	33	2.5	34 21.2	118 25.5	C	1.4	7.7	SAN FERNANDO
9	8	55	51.5	34 21.6	118 24.1	C	1.8	1.3	SAN FERNANDO
9	15	4	54.3	34 20.6	118 25.0	C	1.6	4.6	SAN FERNANDO
9	15	24	26.9	34 21.9	118 26.1	B	2.4	0.5	SAN FERNANDO
9	22	27	12.7	33 4.0	118 50.8	C	2.5	17.2	SAN NICOLAS BASIN
10	5	23	10.2	34 21.6	118 25.6	B	1.7	8.7	SAN FERNANDO
10	6	28	52.0	33 27.6	118 24.8	B	2.5	8.0	EMERALD MTN
10	7	43	39.6	34 22.4	118 25.6	B	1.7	1.4	SAN FERNANDO
10	19	5	43.7	34 23.5	118 24.8	C	1.7	4.4	SAN FERNANDO
11	10	49	4.0	34 22.5	118 24.1	C	1.7	0.8	SAN FERNANDO
11	15	43	24.0	33 29.1	118 49.2	B	1.9	16.4	PALUMAR MTN
11	18	30	6.5	34 22.0	118 20.0	D	2.0	5.0	SAN FERNANDO

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, MAR, 1974

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE
11	18	59	9.8	33	28.7	116 44.9 B	2.1	8.0	WARNER SPRINGS
12	0	41	33.8	32	47.8	115 27.3 B	2.8	16.6	HOLTVILLE
12	3	3	13.9	34	22.0	118 33.9 B	2.0	1.8	SANTA SUSANA
12	7	35	45.3	34	4.5	118 13.5 A	3.1	8.0	PASADENA
FELT LOS ANGELES AREA									
12	7	38	43.7	34	4.7	118 13.7 B	2.0	3.2	PASADENA
12	9	42	45.0	33	44.6	118 43.1 B	2.1	8.0	SAN PEDRO CHANNEL
12	10	13	43.1	34	4.3	118 13.9 B	2.0	3.9	PASADENA
12	11	9	30.3	32	47.4	115 27.0 B	2.6	8.7	HOLTVILLE
12	14	24	34.0	34	4.0	117 21.0 B	1.9	0.2	SAN BERNARDINO
12	15	37	28.9	34	48.3	117 33.2 A	3.4	2.0	KRAMER
12	16	53	8.2	36	56.0	116 36.5 D	3.0	11.1	BARE MTN N
12	23	14	28.0	35	22.5	118 32.0 B	1.9	3.7	BRECKENRIDGE MTN
13	7	19	59.5	31	46.6	116 14.0 C	3.0	4.3	SANTO TOMAS M
13	9	21	31.2	31	52.6	116 14.7 C	3.0	5.3	SANTO TOMAS M
13	18	10	15.1	33	4.4	116 38.0 B	2.5	12.3	SANTA YSABEL
12	23	55	58.2	32	47.5	115 27.1 B	2.7	8.0	HOLTVILLE
14	0	2	3.1	32	48.0	115 27.7 B	2.7	14.9	HOLTVILLE
14	13	38	45.9	33	43.5	116 51.8 B	2.5	11.4	HEMET
15	0	25	1.8	34	12.6	117 31.4 B	2.7	2.0	ONTARIO
15	5	36	45.7	34	5.1	118 13.0 B	1.8	12.3	PASADENA
16	9	17	17.9	33	47.6	118 9.2 B	2.1	8.0	DOWNEY
16	13	11	57.8	34	23.5	118 24.6 B	2.1	8.0	SAN FERNANDO
16	16	25	22.3	36	32.6	119 24.8 D	2.9	16.4	DINUBA
16	17	52	45.5	35	48.9	117 41.6 B	2.7	4.6	MOUNTAIN SPRINGS CANYON
17	12	2	28.6	32	6.6	116 21.0 C	2.8	3.1	SIERRA JUAREZ NW M
18	2	37	26.7	34	4.0	118 54.5 B	2.5	14.9	TRIUNFO PASS
18	14	22	47.5	33	59.1	116 22.8 B	2.5	7.6	THOUSAND PALMS
20	10	39	57.7	37	2.0	116 40.6 D	3.0	24.9	THIRSTY CANYON * N
21	7	12	28.1	31	37.8	116 8.7 C	3.5	8.0	SANTO TOMAS M
21	22	50	5.2	34	8.3	117 27.9 A	3.0	1.9	SAN BERNARDINO
FELT FONTANA									
21	23	38	2.2	32	44.1	116 30.7 B	2.5	3.1	POTRERO
22	6	30	46.3	33	17.9	115 43.7 B	2.6	2.1	FRANK
22	8	59	6.3	32	21.3	115 3.3 D	2.5	3.2	SIERRA CUCAPI M
22	9	19	22.6	32	16.9	114 59.5 C	2.5	8.0	GRAN DESIERTO M
22	11	7	24.4	32	20.8	115 2.7 C	2.7	6.0	SIERRA CUCAPI M
22	19	16	1.3	32	50.4	115 28.3 B	2.5	14.6	HOLTVILLE
22	14	14	34.8	32	59.2	115 31.6 A	2.4	14.2	BRAWLEY
25	20	13	34.6	33	28.6	116 25.1 B	2.9	8.0	CLARK LAKE
26	5	23	47.0	34	5.9	118 16.0 B	1.9	5.7	SANTA MONICA
26	9	24	27.7	36	10.1	118 16.8 B	2.4	4.9	HOCKETT PEAK
26	9	33	12.4	33	56.4	117 47.0 B	2.1	5.5	ANAHEIM
27	6	47	56.7	34	28.6	116 27.6 B	3.6	8.0	EMERSON LAKE
27	7	4	27.0	34	28.6	116 28.2 B	3.8	8.0	EMERSON LAKE
27	17	22	53.8	33	55.9	115 52.8 B	3.4	2.3	HEXIE MTNS
29	15	4	24.9	33	4.1	116 13.4 B	2.8	8.0	BORREGO MTN
30	1	12	37.4	34	6.0	118 44.8 A	2.4	10.8	CALABASAS
30	11	45	43.6	34	1.9	116 27.1 B	2.5	2.4	JOSHUA TREE
31	0	13	18.9	32	44.5	115 26.5 B	2.9	18.5	CALEXICO
31	11	20	49.3	34	3.0	118 39.7 B	3.1	6.2	CALABASAS

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, APR, 1974

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE		
1	14	7	21.9	33	28.9	116	26.3	B	3.2	8.0	CLARK LAKE
1	14	7	41.7	33	32.9	116	24.7	C	3.1	6.0	PALM DESERT
1	14	9	8.3	33	28.6	116	26.6	B	2.8	5.6	CLARK LAKE
1	19	56	13.4	34	4.5	119	0.1	B	2.8	8.0	HUENEME
2	10	16	59.8	34	31.3	118	44.8	B	2.7	18.0	LIEBRE MTN
2	13	1	29.2	32	34.3	115	16.8	B	2.7	28.6	CALEXICO
2	13	1	54.1	32	33.0	115	16.9	B	2.7	31.5	CALEXICO
2	20	58	20.5	34	11.4	117	33.8	A	2.7	5.3	ONTARIO
3	10	46	23.5	34	5.2	118	47.2	B	2.8	11.3	TRIUNFO PASS
FELT THOUSAND OAKS											
3	22	56	18.5	34	20.9	118	25.8	B	2.9	4.2	SAN FERNANDO
FELT VALENCIA											
4	11	38	23.4	34	19.2	118	37.9	B	2.1	6.6	SANTA SUSANA
4	22	24	10.3	34	16.4	118	29.0	C	2.0	10.9	SAN FERNANDO
5	1	39	39.2	34	3.7	118	49.8	B	2.8	8.0	TRIUNFO PASS
5	10	42	50.7	34	31.0	116	27.1	B	4.1	4.8	LAVIC
6	13	55	44.0	33	20.5	116	23.5	B	3.0	11.8	CLARK LAKE
7	14	45	1.3	33	56.8	115	54.3	B	2.3	8.0	HEXIE MTNS
8	2	8	1.4	34	17.3	116	52.0	B	2.3	8.6	LUCERNE VALLEY
8	3	10	45.3	35	21.2	118	30.2	B	2.6	7.5	BRECKENRIDGE MTN
9	16	22	58.0	31	51.6	116	7.0	C	3.4	8.0	SANTO TOMAS
12	0	3	46.4	34	0.7	116	39.1	B	2.4	8.0	MURONGO VALLEY
12	19	36	21.9	34	1.0	117	14.9	B	2.5	16.0	REDLANDS
15	1	41	14.5	33	37.7	116	48.0	B	2.6	7.8	HEMET
15	14	20	14.7	33	41.8	116	53.7	B	2.4	11.2	HEMET
15	17	24	12.3	32	58.4	115	32.2	B	3.0	15.3	BRAWLEY
17	6	10	28.4	33	30.5	116	25.9	B	2.8	8.0	PALM DESERT
17	11	23	58.9	33	20.6	116	47.9	B	2.7	13.5	PALOMAR MTN
18	5	13	22.1	33	29.3	116	46.8	B	2.3	8.0	PALOMAR MTN
18	11	34	0.2	33	29.0	116	47.5	B	2.4	8.0	PALOMAR MTN
20	1	35	3.9	34	42.5	118	26.8	B	3.3	8.0	BOUQUET RESERVOIR
21	6	17	38.8	33	2.7	115	41.4	B	2.2	8.0	CALIPATRIA
21	6	19	57.5	33	4.0	115	38.9	B	2.5	13.5	CALIPATRIA
22	14	53	35.0	34	19.4	118	30.8	B	2.4	5.3	SANTA SUSANA
23	15	13	2.1	37	2.6	116	5.5	C	3.6	8.0	TIPPIPAH SPRING
25	8	23	53.9	34	1.4	119	4.2	B	3.1	14.3	HUENEME
25	8	28	42.6	34	2.3	119	7.1	B	2.2	12.0	HUENEME
25	12	31	31.1	34	25.3	118	27.3	B	1.7	12.6	SAN FERNANDO
26	6	37	12.0	32	56.8	117	45.3	B	2.6	8.0	THIRTYMILE BANK
26	21	18	26.9	33	22.3	118	53.4	B	2.8	7.4	BAKERSFIELD
28	4	17	26.3	34	1.2	117	44.4	A	2.5	5.5	ONTARIO
29	10	16	0.2	32	0.6	116	19.0	C	2.9	8.0	SIERRA JUAREZ NW
29	17	41	47.8	33	14.8	115	38.3	B	2.4	3.7	CALIPATRIA
30	7	17	10.8	33	13.3	116	2.1	B	2.4	12.7	MURRISO MTN
30	17	21	42.3	32	58.7	115	31.3	A	2.8	12.9	BRAWLEY
30	18	58	48.8	32	18.7	115	5.4	C	2.8	5.2	SIERRA LUCAS

M

* N

M

N

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, MAY, 1974

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE
2	2	21	40.2	34	26.0	118 19.1	B	1.8	1.6 R SAN FERNANDO
2	7	33	45.6	34	17.9	118 18.3	B	2.3	1.2 SAN FERNANDO
5	23	38	53.9	35	45.6	118 2.4	B	2.9	4.7 LAMONT PEAK
6	4	12	57.7	33	28.1	116 35.5	B	2.6	8.0 WARNER SPRINGS
6	7	29	28.0	32	24.2	115 11.8	C	2.5	12.0 SIERRA CUCAPA M
6	9	18	7.8	34	4.0	116 31.2	B	2.2	2.0 MURONGO VALLEY
6	20	29	26.6	34	5.6	116 31.2	B	2.4	0.3 MURONGO VALLEY
6	20	31	48.2	34	4.6	116 31.5	A	3.0	3.9 MURONGO VALLEY
6	20	57	46.0	34	2.4	116 31.6	B	2.2	8.0 MURONGO VALLEY
7	5	6	36.1	34	5.1	116 30.8	B	2.6	2.1 MURONGO VALLEY
7	22	48	28.2	34	26.9	116 33.2	B	2.3	5.3 OLD WOMAN SPRINGS
9	19	27	35.6	31	45.6	114 40.1	D	2.8	8.0 ISLA MONTAGUE M
9	5	43	57.8	32	25.2	115 13.1	C	2.6	15.9 SIERRA CUCAPA M
9	12	59	2.1	32	21.2	115 12.3	C	2.5	15.6 SIERRA CUCAPA M
10	7	14	59.7	32	27.0	115 13.3	B	3.2	25.0 SIERRA CUCAPA M
10	7	22	28.7	32	22.1	115 12.9	B	2.4	21.1 SIERRA CUCAPA M
13	8	46	19.5	36	49.8	117 53.5	C	2.3	3.4 WAUCOBA WASH
13	10	6	57.7	34	24.8	116 50.8	A	2.8	5.7 LUCERNE VALLEY
13	10	11	48.5	34	24.3	116 50.2	A	2.4	6.1 LUCERNE VALLEY
13	17	44	48.7	32	35.6	115 17.5	B	2.5	12.5 CALEXICO
14	6	25	43.2	33	38.4	118 19.8	A	2.1	13.3 SAN PEDRO
14	6	29	3.8	33	39.1	118 19.5	B	2.2	8.0 SAN PEDRO
14	8	37	23.7	35	20.6	117 39.7	B	2.0	3.7 RANDSBURG
15	6	48	1.4	35	5.8	118 58.7	B	3.3	12.9 CUMANCHE POINT
17	5	3	45.1	35	13.8	118 36.9	B	2.6	1.7 CUMMINGS MTN
18	0	7	15.6	31	59.3	116 24.6	B	2.8	8.0 SANTO TOMAS M
18	6	25	41.2	31	46.7	116 1.2	C	2.8	12.4 SANTO TOMAS M
18	21	49	38.2	32	13.9	116 43.9	C	2.2	8.0 DESCANSO M
19	13	8	31.4	34	39.0	116 23.2	B	2.4	4.1 LAVIC
19	13	23	8.9	34	39.9	116 20.7	B	2.6	8.0 LAVIC
19	20	3	4.5	35	53.8	117 43.5	B	3.1	0.9 MOUNTAIN SPRINGS CANYON
19	21	54	43.9	35	52.1	117 45.5	B	2.2	3.6 LITTLE LAKE
19	21	58	2.6	35	53.8	117 44.7	B	2.0	3.8 MOUNTAIN SPRINGS CANYON
19	22	9	14.9	35	53.8	117 43.5	B	2.2	2.9 MOUNTAIN SPRINGS CANYON
19	22	58	57.8	35	55.3	117 44.9	B	2.1	0.6 MOUNTAIN SPRINGS CANYON
19	23	43	37.6	35	54.1	117 44.4	B	2.2	4.3 MOUNTAIN SPRINGS CANYON
20	0	16	1.5	35	54.3	117 42.8	B	3.0	4.4 MOUNTAIN SPRINGS CANYON
20	0	27	17.1	35	53.9	117 44.7	B	2.2	3.6 MOUNTAIN SPRINGS CANYON
20	3	27	55.0	35	53.1	117 44.1	B	2.1	2.3 MOUNTAIN SPRINGS CANYON
20	6	3	20.0	35	53.9	117 44.5	B	2.2	3.5 MOUNTAIN SPRINGS CANYON
20	6	25	5.9	35	53.7	117 45.4	B	2.5	8.0 LITTLE LAKE
20	21	50	18.4	35	52.0	117 45.6	B	2.6	4.1 LITTLE LAKE
21	23	3	49.2	36	10.2	115 48.3	C	3.5	10.3 LAGUNA SALADA M
21	3	28	36.8	34	31.2	116 30.9	B	3.5	10.8 RUDMAN MTS
21	3	2	34.7	34	44.9	116 28.7	B	2.8	2.0 LAVIC
21	16	41	52.0	35	46.1	117 4.2	B	2.5	3.8 KINGATE PASS
24	11	40	24.3	36	4.2	118 28.1	C	2.8	8.0 LUBINGA
24	1	20	15.1	34	25.1	118 38.7	B	2.4	8.0 SAN FERNANDO
24	1	36	28.1	32	44.8	115 28.7	B	2.2	20.8 HOLTFIELD
24	14	51	42.1	36	15.2	118 36.0	C	3.2	8.0 JENSEN
24	1	27	11.8	35	53.0	117 43.0	C	3.0	2.0 JENSEN

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, MAY, 1974

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE			
26	14	13	58.5	34	11.7	117	31.7	A	3.1	0.8	UNTARIO	
26	16	33	13.1	36	24.0	117	54.5	C	2.0	3.1	KEELER	
26	19	3	12.3	33	2.1	115	49.1	B	2.4	5.5	KANE SPRING	
26	22	50	48.3	35	19.6	118	33.3	B	2.4	4.3	BRECKENRIDGE MTN	
27	9	21	25.4	35	48.2	119	19.0	D	2.8	8.0	EARLIMART	
27	11	42	47.8	34	39.4	116	23.0	B	3.6	8.0	LAVIC	
27	11	56	28.2	34	40.7	116	24.6	B	3.1	8.0	LAVIC	
27	14	9	37.7	34	39.9	116	24.2	B	3.8	4.9	LAVIC	
28	15	2	34.2	36	6.0	120	35.9	D	3.0	8.0	PRIEST VALLEY	*
28	15	11	9.2	34	21.5	117	2.4	B	2.7	8.0	LAKE ARROWHEAD	
28	17	3	51.7	35	28.8	118	38.2	B	3.2	8.0	BRECKENRIDGE MTN	
28	17	46	7.5	35	30.2	118	40.2	B	2.3	10.1	GLENNVILLE	
28	23	46	30.7	34	9.2	117	35.0	B	2.5	1.0	UNTARIO	
29	13	50	44.6	33	52.0	116	47.3	B	2.4	12.1	BANNING	
29	18	10	41.9	36	43.7	115	52.2	B	3.9	12.1	MERCURY	* N
29	19	23	32.3	36	47.9	115	45.0	C	3.8	8.0	FRENCHMAN LAKE	* N
30	0	45	43.7	34	48.4	117	32.9	A	3.1	5.4	KRAMER	
31	3	43	22.3	35	50.2	117	30.9	B	3.1	8.9	MOUNTAIN SPRINGS CANYON	

JUN, 1974

1	12	32	2.6	34	21.4	118	23.7	A	2.0	4.0	SAN FERNANDO	
2	6	54	21.6	33	8.2	115	38.8	B	3.1	7.4	CALIPATRIA	
2	7	3	8.6	33	9.1	115	38.3	B	2.5	8.0	CALIPATRIA	
2	8	2	14.1	32	52.7	115	37.1	D	1.8	12.8	BRAWLEY	
3	1	28	22.5	32	57.9	115	33.0	C	1.9	8.0	BRAWLEY	
3	1	28	58.5	32	58.8	115	31.9	A	2.4	15.1	BRAWLEY	
3	3	11	29.2	32	58.5	115	32.2	B	2.1	8.0	BRAWLEY	
3	11	32	59.0	35	54.0	120	25.8	D	2.7	1.6	PARKFIELD	*
3	21	24	2.3	35	2.3	118	54.5	A	3.3	3.2	COMANCHE POINT	
3	22	6	49.6	35	1.0	118	52.1	B	2.7	8.0	COMANCHE POINT	
5	5	12	2.8	33	9.8	115	39.1	B	2.1	8.0	CALIPATRIA	
5	5	27	8.5	33	9.3	115	37.6	B	2.2	4.6	CALIPATRIA	
5	10	33	58.1	31	44.1	115	49.7	C	3.3	9.9	SIERRA JUAREZ SE	M
6	7	7	38.1	31	53.5	116	2.6	D	2.6	8.0	SANTO TOMAS	M
6	8	44	38.6	33	9.2	115	39.7	C	2.0	8.0	CALIPATRIA	
6	21	53	8.7	35	3.5	118	19.5	B	2.3	3.6	TEHACHAPI	
7	2	11	33.9	37	7.0	119	55.6	D	2.8	3.6	RAYMOND	*
7	7	9	58.4	33	40.9	118	20.1	B	2.8	15.6	SAN PEDRO	
8	2	44	6.4	33	8.0	115	40.9	B	2.3	8.0	CALIPATRIA	
8	23	32	14.7	32	57.4	115	33.2	C	2.7	8.0	BRAWLEY	
9	21	34	23.2	34	19.9	118	15.4	B	2.4	10.2	SAN FERNANDO	
9	22	27	33.8	35	32.1	117	25.8	B	3.8	8.0	SEARLES LAKE	
FELT CHINA LAKE												
10	2	44	36.6	32	59.8	115	36.8	C	2.4	8.0	BRAWLEY	
10	3	4	46.3	32	58.7	115	35.2	C	2.5	8.0	BRAWLEY	
10	6	44	10.0	35	32.1	117	26.4	B	4.1	9.1	SEARLES LAKE	
FELT CHINA LAKE												
10	6	48	51.6	35	31.5	117	27.9	B	2.5	8.0	SEARLES LAKE	
10	6	58	27.6	35	32.0	117	26.4	B	2.4	8.0	SEARLES LAKE	
10	8	47	4.0	32	58.5	115	40.2	C	3.3	27.4	SEARLES LAKE	

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, JUN, 1974

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE	
10	18	38	33.8	35 33.3	117 26.9	B	2.8	6.7	SEARLES LAKE	
11	4	55	7.7	35 40.1	115 40.1	C	3.8	8.0	CLARK MTN	*
11	13	56	35.4	34 26.0	118 26.7	B	2.6	7.4	SAN FERNANDO	
11	21	32	20.1	33 16.3	116 50.7	B	2.6	10.8	PALOMAR MTN	
11	21	33	29.5	33 15.2	116 48.8	B	2.6	10.1	PALOMAR MTN	
11	22	53	36.0	34 25.7	118 26.0	A	2.3	11.8	SAN FERNANDO	
12	23	48	20.2	32 42.9	117 2.2	B	2.7	8.0	SAN DIEGO	
14	23	47	53.3	34 10.6	117 6.5	A	3.0	4.5	REDLANDS	
15	21	37	56.9	34 10.5	117 6.7	B	2.9	8.0	REDLANDS	
15	21	41	37.5	34 10.9	117 7.9	A	2.3	6.2	REDLANDS	
16	17	55	56.8	37 13.7	118 29.6	D	2.8	5.8	BIG PINE	
18	21	24	52.1	34 24.6	118 20.7	B	2.5	2.0	SAN FERNANDO	
20	0	9	29.9	34 24.9	118 17.5	B	2.5	2.6	SAN FERNANDO	
21	2	5	17.9	34 3.0	119 0.6	B	2.6	17.7	HUENEME	
21	7	15	1.4	34 22.3	117 2.9	A	3.0	4.5	LAKE ARROWHEAD	
22	11	43	2.9	31 40.0	115 52.6	C	3.1	12.4	SIERRA JUAREZ SE	M
22	15	15	38.0	34 18.0	116 36.6	B	3.0	8.1	OLD WOMAN SPRINGS	
22	15	51	50.6	32 40.5	115 54.8	B	2.7	17.1	COYOTE WELLS	
22	16	12	23.6	32 39.0	115 54.4	B	2.4	8.0	COYOTE WELLS	
22	17	1	18.3	34 16.3	116 36.2	B	3.2	4.6	OLD WOMAN SPRINGS	
22	17	5	17.9	34 16.3	116 36.7	B	2.4	8.0	OLD WOMAN SPRINGS	
23	16	12	59.6	34 15.6	116 37.1	A	3.1	3.5	OLD WOMAN SPRINGS	
23	16	30	48.1	33 38.1	116 37.3	B	2.3	8.0	IDYLLWILD	
24	3	37	10.5	32 52.1	115 43.8	B	2.2	3.7	BRAWLEY	
24	22	30	1.3	33 56.2	115 50.0	B	2.5	7.3	HEXIE MTNS	
25	10	24	23.6	33 53.9	116 2.3	B	2.3	8.0	LOST HORSE MTN	
27	0	58	54.4	33 58.3	116 15.9	B	2.5	4.9	THOUSAND PALMS	
27	8	10	42.3	33 16.1	116 51.8	B	2.5	8.0	PALOMAR MTN	
27	8	56	48.0	33 58.7	116 40.5	A	2.1	13.5	PALM SPRINGS	
28	0	3	40.2	32 57.0	115 50.1	B	2.6	8.0	PLASTER CITY	
28	21	54	43.5	35 3.3	118 19.1	B	2.3	7.1	TEHACHAPI	
29	10	33	30.6	34 55.0	117 24.1	B	2.5	4.4	HAWES	
30	7	16	57.6	34 5.2	117 17.4	B	2.5	10.2	SAN BERNARDINO	
30	8	44	58.1	32 25.5	115 16.2	C	2.6	31.0	SIERRA CUCAPA	M
30	9	21	1.3	33 49.0	117 40.5	A	2.5	0.3	CORONA	
30	11	7	38.7	32 27.3	115 13.8	B	3.6	29.7	SIERRA CUCAPA	M
30	11	12	28.9	32 26.5	115 13.9	B	2.4	25.4	SIERRA CUCAPA	M
30	12	23	38.3	32 27.1	115 14.0	B	2.3	22.6	SIERRA CUCAPA	M
30	14	41	29.8	32 25.1	115 16.2	B	3.2	8.0	SIERRA CUCAPA	M
30	16	11	33.0	32 27.6	115 14.4	B	2.2	31.0	SIERRA CUCAPA	M
30	16	17	48.9	32 28.7	115 13.2	B	2.5	26.8	SIERRA CUCAPA	M
30	18	54	28.7	32 22.9	115 14.7	C	2.5	8.0	SIERRA CUCAPA	M

JUL, 1974

3	0	56	56.1	37 24.5	118 32.3	C	3.0	3.7	MT TOM	
4	6	21	45.1	31 59.8	116 11.4	B	2.9	13.3	SANTO TOMAS	M
4	7	54	23.2	34 24.2	118 21.9	A	2.1	8.5	SAN FERNANDO	
5	13	10	32.9	35 54.1	117 2.0	B	2.3	1.7	HANLEY PEAK	
5	21	17	38.5	33 15.8	116 49.9	B	2.2	32.5	PALOMAR MTN	
5	7	22	48.8	35 44.5	117 44.0	B	3.4	8.0	REDLANDS	

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, JUL, 1974

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE
7	7	44	13.2	35	46.8	117 42.0 B	2.3	8.0	MOUNTAIN SPRINGS CANYON
7	14	32	42.9	33	36.5	116 47.1 B	2.1	8.0	HEMET
7	13	40	30.8	33	15.7	116 51.3 B	2.2	13.0	PALOMAR MTN
8	0	52	8.4	35	1.3	117 41.8 C	1.7	7.0	BURON
8	1	9	11.1	35	40.5	118 15.9 B	1.7	6.2	ISABELLA
8	8	1	20.8	34	5.9	117 56.3 B	1.7	9.9	FONTANA
8	13	20	18.3	35	20.4	118 31.5 C	2.0	5.1	BRECKENRIDGE MTN
8	16	55	56.4	33	7.2	116 33.5 B	2.5	8.0	SANTA YSABEL
8	17	26	45.7	35	45.6	117 42.4 B	2.9	3.2	MOUNTAIN SPRINGS CANYON
9	0	58	49.0	34	9.7	119 42.9 C	2.3	8.0	SANTA CRUZ I NE
9	15	16	3.1	35	6.0	119 3.2 B	2.5	1.9	CUNNER
10	7	46	28.0	34	8.5	116 42.5 A	3.3	13.9	MURONGO VALLEY
FELT SAN BERNARDINO AREA									
11	0	31	5.4	33	7.2	116 28.2 B	2.4	8.0	BURKEGO
12	0	57	46.7	33	57.7	116 28.1 A	2.5	8.0	THOUSAND PALMS
12	1	8	9.3	34	37.2	116 20.0 A	2.8	8.0	LAVIC
12	6	27	44.2	33	58.4	118 48.2 B	2.4	13.9	OFF POINT DUME
15	4	37	17.8	34	35.4	116 21.6 B	2.8	6.6	LAVIC
15	6	6	18.8	35	57.4	117 58.9 B	2.7	4.3	LITTLE LAKE
18	18	2	6.3	33	26.4	116 52.6 B	2.9	9.1	PALOMAR MTN
21	17	39	34.3	34	38.6	116 21.5 A	3.9	12.3	LAVIC
21	17	40	57.0	34	38.8	116 25.1 C	3.5	8.0	LAVIC
21	18	19	37.3	34	37.6	116 21.2 B	2.6	10.0	LAVIC
21	22	37	43.8	34	38.1	116 21.4 B	3.0	8.0	LAVIC
22	23	51	55.8	35	46.1	117 39.9 B	3.0	5.2	MOUNTAIN SPRINGS CANYON
23	0	2	12.4	35	49.2	117 34.2 C	2.7	11.1	MOUNTAIN SPRINGS CANYON
23	20	9	7.5	33	51.5	117 40.6 B	2.3	3.1	CORONA
25	0	7	17.4	34	1.0	117 32.3 B	2.2	8.0	ONTARIO
25	20	39	55.4	34	25.1	118 24.9 B	2.6	1.0	SAN FERNANDO
26	14	0	36.6	33	10.1	117 58.3 C	2.5	11.2	GULF OF SANTA CATALINA
23	5	53	45.9	32	41.8	115 24.9 A	2.9	13.9	CALEXICO
28	7	43	37.9	34	39.8	116 21.3 C	2.3	8.0	LAVIC
29	5	9	34.5	32	27.6	115 22.2 C	2.9	15.9	SIERRA CUCAPA M
30	7	39	7.1	34	37.6	116 20.8 B	4.4	8.0	LAVIC
30	7	46	35.4	34	37.9	116 20.6 B	3.3	5.1	LAVIC
30	7	50	10.8	34	38.2	116 20.6 B	3.3	8.0	LAVIC
30	7	51	59.8	34	37.5	116 20.2 A	3.4	5.4	LAVIC
30	8	13	12.8	34	38.2	116 19.2 B	3.2	3.1	LAVIC
30	4	13	23.0	34	38.0	116 19.0 D	3.0	8.0	LAVIC
30	8	36	53.6	34	38.0	116 20.5 A	4.3	12.7	LAVIC
30	8	52	54.6	34	37.0	116 20.1 A	3.2	0.9	LAVIC
30	9	7	5.5	34	38.0	116 20.0 A	2.8	2.4	LAVIC
30	10	22	20.7	34	38.8	116 20.9 B	3.0	12.0	LAVIC
30	10	48	49.3	34	38.1	116 19.1 A	2.7	0.5	LAVIC
30	12	23	6.5	34	37.9	116 23.2 A	3.2	8.0	LAVIC
30	14	29	8.7	34	39.2	116 21.1 B	2.9	8.0	LAVIC
31	1	19	5.1	34	37.0	116 21.0 A	2.9	5.5	LAVIC
31	7	31	26.0	35	43.4	117 40.5 B	3.3	0.2	RIDGECREST
31	8	7	19.2	34	37.8	116 20.0 B	3.2	8.0	LAVIC
31	10	47	53.4	34	38.8	116 20.0 B	2.8	8.3	LAVIC
31	11	28	13.9	34	37.0	116 20.7 A	3.0	8.0	LAVIC

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, JUL, 1974

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE
31	21	52	9.3	34 37.0	116 20.7	A	3.1	6.6	LAVIC
31	21	56	3.5	34 37.7	116 19.4	A	2.7	8.0	LAVIC

AUG, 1974

1	0	27	58.9	34 37.8	116 20.2	A	2.7	5.5	LAVIC
1	5	47	57.8	34 36.7	116 20.1	A	3.3	8.0	LAVIC
1	7	21	9.0	32 36.7	115 19.8	B	3.3	16.3	CALEXICO
1	9	4	6.2	34 37.9	116 20.4	A	3.2	8.0	LAVIC
1	16	56	57.4	34 37.0	116 19.0	A	2.9	8.0	LAVIC
1	20	43	17.1	34 56.3	118 49.5	B	2.8	14.2	TEJON PASS
1	23	9	7.0	34 36.5	116 21.7	C	2.6	8.0	LAVIC
2	5	42	46.0	32 50.4	115 30.0	B	3.3	8.0	BRAWLEY
2	6	52	34.0	34 36.2	116 21.6	C	2.8	8.0	LAVIC
2	8	32	56.2	32 51.8	115 29.0	B	2.7	12.9	HOLTVILLE
2	10	16	13.3	32 51.8	115 28.9	B	2.4	12.6	HOLTVILLE
2	11	20	34.8	32 50.7	115 28.6	B	2.5	14.0	HOLTVILLE
2	12	37	40.6	34 37.7	116 25.0	B	2.8	6.8	LAVIC
2	13	28	2.6	32 51.8	115 28.2	B	2.3	12.3	HOLTVILLE
2	13	28	34.2	32 48.6	115 28.6	B	2.3	8.0	HOLTVILLE
2	13	29	9.5	32 47.9	115 27.7	B	2.3	10.6	HOLTVILLE
2	13	34	56.5	32 51.8	115 28.8	B	2.5	14.7	HOLTVILLE
2	13	35	37.2	32 50.0	115 27.8	B	2.6	11.7	HOLTVILLE
2	19	11	10.2	32 51.8	115 28.8	B	2.4	10.4	HOLTVILLE
2	19	24	47.7	32 49.9	115 28.4	B	2.5	11.8	HOLTVILLE
2	19	29	34.8	32 51.0	115 28.8	B	2.3	12.9	HOLTVILLE
2	19	37	20.8	32 50.6	115 28.5	B	2.5	14.6	HOLTVILLE
2	19	38	56.9	32 48.9	115 28.4	B	3.1	15.0	HOLTVILLE
2	21	7	54.4	34 9.7	117 22.6	D	0.0	8.0	SAN BERNARDINO
2	23	10	46.3	34 28.7	116 35.1	C	2.7	5.1	OLD WOMAN SPRINGS
3	1	51	26.2	35 44.4	117 42.1	B	2.8	0.6	RIDGECREST
3	3	7	14.2	34 37.8	116 20.7	B	2.7	8.0	LAVIC
3	20	25	54.9	34 36.7	116 20.9	A	2.7	8.0	LAVIC
4	8	30	31.8	34 37.7	116 21.3	A	3.0	3.9	LAVIC
4	8	51	56.0	34 37.7	116 21.2	A	2.6	8.0	LAVIC
4	9	2	2.7	34 14.6	117 10.7	A	2.9	8.0	REDLANDS
4	9	8	6.5	34 14.2	117 9.7	A	3.4	8.0	REDLANDS
FELT SAN BERNARDINO ARROWHEAD									
5	1	24	47.9	34 26.9	116 34.9	B	2.6	8.0	OLD WOMAN SPRINGS
5	11	17	31.0	33 54.9	118 1.1	D	1.7	8.0	DOWNEY
FELT LAKEWOOD									
5	17	38	26.6	33 52.6	116 48.7	B	2.7	14.3	BANNING
5	19	32	3.5	33 51.7	116 11.1	B	2.7	8.0	LUST HORSE MTN
5	20	4	53.8	34 20.2	115 51.7		2.4	0.1	LUCERNE VALLEY
5	1	26	25.5	35 17.8	118 31.5	C	2.3	5.2	GRECKENRIDGE MTN
6	3	58	10.1	34 35.5	116 23.8	B	2.6	2.3	LAVIC
6	8	12	1.8	32 0.5	114 56.5	C	2.5	9.3	GRAN DESERTO
6	13	50	29.2	32 57.5	115 32.7	B	2.5	8.0	BRAWLEY
7	5	51	9.1	32 3.3	115 43.5	C	2.1	14.0	LAGUNA BEACH
7	7	17	1.0	34 48.4	118 20.0	B	2.1	10.3	LAVIC
7	10	32	52.8	32 50.7	115 29.4	B	2.8	12.2	HOLTVILLE

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, AUG, 1974

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE		
8	10	53	31.7	32	4.9	116 22.1	C	2.5	5.1	SIERRA JUAREZ NW	M
8	13	31	56.3	32	6.6	115 55.6	C	2.8	5.0	LAGUNA SALADA	M
8	22	2	3.5	34	38.5	116 21.0	A	3.2	3.6	LAVIC	
9	2	28	5.4	34	37.7	116 21.4	A	2.7	6.1	LAVIC	
10	5	16	51.3	37	21.5	118 24.2	B	2.7	0.6	BISHOP	
12	1	43	27.7	34	18.6	119 37.5	C	2.2	8.0	SANTA BARBARA	
12	2	13	49.0	32	47.9	115 28.6	B	2.3	8.0	HULTVILLE	
12	2	30	16.2	32	47.1	115 28.7	B	2.5	15.3	HULTVILLE	
12	5	39	14.5	33	8.8	116 7.8	B	2.3	8.0	BURREGO MTN	
12	11	6	25.0	34	14.1	119 42.5	C	2.0	10.6	SANTA CRUZ I NE	
12	11	34	0.8	34	37.0	116 20.3	A	3.0	7.5	LAVIC	
12	12	45	51.0	32	46.8	115 27.7	B	2.7	15.7	HULTVILLE	
12	17	32	1.1	32	46.1	115 26.3	B	2.8	18.5	HULTVILLE	
12	19	28	10.2	34	15.3	119 40.9	B	2.8	12.6	SANTA BARBARA	
13	10	22	14.2	32	12.1	115 7.1	C	2.9	15.9	SIERRA CUCAPA	M
13	15	19	8.5	32	53.3	115 30.9	B	3.3	15.8	BRAWLEY	
13	15	46	28.4	33	1.8	115 52.1	C	2.7	8.0	KANE SPRING	
13	16	33	41.2	32	52.9	115 31.4	B	2.7	13.4	BRAWLEY	
13	17	7	22.0	32	54.0	115 31.1	A	2.3	4.3	BRAWLEY	
13	17	46	57.0	32	53.1	115 31.8	B	3.1	16.0	BRAWLEY	
13	17	54	46.0	32	52.9	115 30.9	B	3.2	12.2	BRAWLEY	
13	19	6	38.2	32	54.8	115 41.1	B	2.4	5.2	BRAWLEY	
13	20	36	21.7	34	37.4	116 20.3	A	3.3	8.0	LAVIC	
14	2	37	30.0	32	53.5	115 31.2	B	3.4	14.9	BRAWLEY	
14	2	42	47.8	32	52.8	115 30.3	B	2.7	12.7	BRAWLEY	
14	4	50	18.3	32	52.9	115 30.4	B	2.5	12.4	BRAWLEY	
14	13	43	46.7	32	51.8	115 30.9	B	2.7	15.1	BRAWLEY	
14	14	36	55.3	34	35.5	116 24.6	B	2.4	12.9	LAVIC	
14	14	45	55.2	34	25.9	118 22.1	A	4.2	8.2	SAN FERNANDO	
FELT SAN FERNANDO											
14	14	48	6.5	34	26.2	118 22.7	B	2.8	9.2	SAN FERNANDO	
14	15	21	25.4	34	23.7	118 22.2	B	1.8	13.6	SAN FERNANDO	
15	11	55	8.7	34	24.0	118 21.8	B	1.9	5.2	SAN FERNANDO	
15	13	46	48.5	34	24.3	118 22.1	A	3.2	8.8	SAN FERNANDO	
15	13	52	50.2	34	24.6	118 21.4	A	2.5	11.2	SAN FERNANDO	
15	14	2	8.4	34	23.5	118 21.1	B	1.7	8.0	SAN FERNANDO	
15	20	8	18.4	33	47.7	116 6.6	B	2.5	4.2	LOST HORSE MTN	
15	22	41	22.8	33	47.2	116 5.5	B	2.5	5.5	LOST HORSE MTN	
16	3	33	43.9	33	46.1	116 5.2	A	2.5	3.3	LOST HORSE MTN	
16	5	34	23.4	33	47.3	116 5.4	B	2.1	3.0	LOST HORSE MTN	
16	5	36	18.4	34	25.0	118 21.9	B	2.5	8.4	SAN FERNANDO	
17	6	56	45.9	34	36.0	116 21.4	A	2.7	8.0	LAVIC	
17	12	44	47.2	33	48.5	116 5.7	B	3.4	9.7	LOST HORSE MTN	
17	20	14	35.2	34	38.1	116 22.0	B	3.1	7.3	LAVIC	
18	12	24	7.3	32	19.4	115 8.8	B	2.5	12.5	SIERRA CUCAPA	M
18	12	25	2.5	32	18.5	115 7.3	C	2.6	12.5	SIERRA CUCAPA	M
18	23	18	23.5	32	30.0	115 14.7	C	2.4	24.3	MIDWAY WELL	M
18	23	19	58.8	32	18.0	115 9.3	C	2.7	12.9	SIERRA CUCAPA	M
18	23	27	25.7	32	20.0	115 4.7	C	2.6	11.8	SIERRA CUCAPA	M
18	1	3	43.8	38	16.4	118 17.4	B	3.8	4.4	SAN PABLO	
18	6	52	52.4	33	57.7	118 22.8	B	2.4	8.2	THOUSAND PALMS	

A-58

A-58

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, AUG, 1974

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE
20	21	8	29.0	34 33.7	116 45.7	D	2.0	7.0	ORD MTS
20	23	43	28.0	33 52.5	117 40.3	A	2.8	13.5	CURONA
21	1	0	53.9	33 21.7	116 16.0	B	2.9	16.4	CLARK LAKE
21	2	41	8.2	32 58.7	115 42.1	D	2.2	8.0	BRAWLEY
22	19	4	36.5	32 43.1	116 30.1	B	2.4	4.6	POTRERO
22	21	7	54.4	34 9.7	117 22.6	D	0.0	8.0	SAN BERNARDINO
23	3	39	27.4	35 28.9	118 29.8	B	2.1	3.4	EMERALD MTN
23	21	51	31.0	33 16.2	115 42.7	B	2.2	8.0	FRINK
25	10	11	0.5	35 53.9	117 39.4	B	3.8	14.2	MOUNTAIN SPRINGS CANYON
25	12	21	58.6	35 52.8	117 42.4	B	3.6	8.0	MOUNTAIN SPRINGS CANYON
26	9	20	46.2	32 45.3	115 26.2	B	2.3	17.1	HOLTVILLE
26	9	21	29.6	32 45.1	115 25.7	B	2.3	16.7	HOLTVILLE
26	9	21	50.2	32 51.0	115 29.7	D	2.4	8.0	HOLTVILLE
27	4	49	9.2	31 58.0	116 6.4	D	2.9	16.6	SANTO TOMAS
28	1	41	3.1	36 15.8	120 15.7	D	2.9	2.8	JUAQUIN ROCKS
28	17	2	44.0	35 36.1	118 15.5	D	1.7	11.4	ISABELLA
28	19	27	44.7	31 44.8	116 15.5	D	2.9	4.1	SANTO TOMAS
29	17	15	59.5	35 46.5	117 43.6	B	2.8	4.0	MOUNTAIN SPRINGS CANYON
29	20	22	6.8	33 59.7	116 40.9	A	2.3	12.0	PALM SPRINGS
30	3	13	38.3	35 13.8	118 51.0	B	2.5	4.5	COMANCHE POINT
30	8	53	20.5	31 39.4	115 51.1	C	2.9	8.0	SIERRA JUAREZ SE
30	18	9	4.1	33 56.4	117 5.1	A	2.9	15.9	PERRIS
31	13	17	44.6	33 55.6	116 49.9	A	2.2	9.2	BANNING
31	15	0	53.2	33 20.0	115 35.1	C	2.4	4.2	FRINK

SEP, 1974

1	17	17	54.7	32 38.4	115 50.2	C	2.3	4.8	COYOTE WELLS	
2	2	8	32.8	32 23.0	115 0.3	D	2.8	3.5	SIERRA CUCAPA	M
2	9	2	17.2	34 22.0	116 59.9	B	2.3	4.8	LUCERNE VALLEY	
3	7	22	52.0	35 47.3	118 2.2	B	2.6	5.6	LAMONT PEAK	
5	9	27	32.9	34 56.8	116 21.5	A	2.3	5.1	LAVIC	
5	21	41	8.4	31 48.2	114 19.5	D	3.4	7.2	EL GOLFO	M
5	22	3	22.5	31 39.2	114 37.7	D	3.3	1.5	ISLA MONTAGUE	M
5	22	19	38.6	34 37.1	116 21.1	A	2.6	8.0	LAVIC	
6	3	24	40.7	31 56.6	114 55.0	D	2.9	8.0	ISLA MONTAGUE	M
6	4	8	18.5	31 31.1	114 25.4	D	3.3	1.6	EL GOLFO	M
6	13	23	31.3	34 16.8	118 29.9	B	2.7	6.0	SAN FERNANDO	
FELT SAN FERNANDO AREA										
6	14	40	43.9	34 18.5	118 30.3	B	3.0	8.0	SANTA SUSANA	
FELT SAUGUS										
7	23	40	35.4	34 17.4	118 30.3	B	2.7	3.8	SANTA SUSANA	
8	12	20	48.1	33 13.2	116 8.9	A	3.5	8.8	BURREGO MTN	
8	12	57	43.0	33 12.8	116 8.8	A	2.8	8.0	BURREGO MTN	
10	1	42	33.1	34 20.4	119 20.6	B	2.3	27.3	VENTURA	
10	5	49	21.4	34 3.3	116 19.6	A	2.7	4.9	JOSHUA TREE	
10	7	57	45.8	34 2.8	116 19.8	B	2.6	4.2	JOSHUA TREE	
10	9	17	35.0	33 34.2	118 28.5	C	2.2	22.0	ISABELLA	
10	11	36	50.2	31 11.9	115 38.6	D	3.0	19.7	VALLE TRINIDAD	M
10	17	21	27.3	33 55.8	116 18.6	B	2.7	2.7	THOUSAND PALMS	
11	10	31	32.3	34 14.9	117 12.4	B	2.0	2.4	RIEGLANDS	

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, SEP, 1974

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE		
11	11	0	18.5	34	52.7	117	36.1	B	2.4	2.0	KRAMER
11	12	16	37.9	32	40.5	117	54.8	C	3.2	8.0	FORTYMILE BANK
12	12	57	43.3	33	34.7	115	55.1	C	2.6	3.5	COTTONWOOD SPRING
12	21	30	59.8	34	10.9	117	36.5	B	2.7	7.2	ONTARIO
13	12	5	53.9	35	41.9	118	15.0	C	2.5	0.4	ISABELLA
13	13	33	41.9	32	54.6	116	23.7	C	2.4	8.0	MT LAGUNA
13	16	29	28.7	35	54.1	117	14.9	C	3.2	9.4	MANLY PEAK
14	11	56	28.3	33	28.2	116	28.8	B	2.5	16.6	CLARK LAKE
15	10	31	6.5	33	36.2	118	14.3	B	2.4	8.0	LAS BOLSAS
16	23	54	46.7	34	18.3	116	55.4	A	2.7	8.0	LUCERNE VALLEY
17	0	48	6.4	34	45.6	116	27.0	C	2.1	8.0	CADY MTS
17	1	28	37.3	36	7.2	117	43.9	C	2.7	1.7	CUSO PEAK
17	2	44	40.2	34	50.8	119	0.7	B	3.1	11.8	SAN EMIGDIO
17	10	22	17.7	34	37.6	116	20.4	A	2.6	4.4	LAVIC
17	19	4	43.4	32	47.1	116	28.8	C	2.2	0.8	MT LAGUNA
17	21	27	50.0	34	19.9	116	51.8	A	2.5	8.2	LUCERNE VALLEY
17	22	0	35.0	33	28.5	116	45.0	B	2.0	18.7	WARNER SPRINGS
18	4	50	47.1	34	20.3	118	16.6	B	1.8	3.2	SAN FERNANDO
19	0	46	37.0	35	2.0	117	41.0	C	2.1	5.0	BURON
20	10	15	57.3	34	4.0	119	51.6	D	2.0	8.0	SANTA CRUZ I NW
21	10	37	41.8	33	51.2	117	6.6	A	3.9	13.4	PERRIS
FELT SAN BERNARDINO AREA											
21	13	34	39.5	35	28.2	118	43.9	C	2.6	3.9	BRECKENRIDGE MTN
21	17	2	39.4	34	29.6	116	21.0	B	2.5	3.5	EMERSON LAKE
21	18	33	1.7	34	56.2	119	0.6	B	3.2	10.8	SAN EMIGDIO
21	20	16	17.8	35	49.1	117	42.7	C	2.2	16.1	MOUNTAIN SPRINGS CANYON
22	0	48	49.8	35	0.9	117	41.8	B	2.2	2.1	BURON
22	3	12	1.9	33	6.8	117	52.0	B	2.4	16.2	GULF OF SANTA CATALINA
22	22	48	17.4	34	24.2	118	24.7	A	2.2	9.6	SAN FERNANDO
22	23	52	1.1	34	24.3	118	24.1	B	2.1	10.3	SAN FERNANDO
23	2	23	0.0	34	22.4	119	19.3	B	2.4	16.6	VENTURA
23	17	3	3.6	34	9.1	117	43.2	B	2.0	5.3	ONTARIO
24	2	21	49.3	34	30.6	119	1.7	B	2.9	24.4	HINES PEAK
25	10	11	56.2	33	33.7	115	56.3	A	2.9	8.4	COTTONWOOD SPRING
25	10	20	6.3	33	46.2	116	11.8	B	2.6	6.6	LOST HORSE MTN
25	10	33	24.2	33	46.8	116	12.5	A	2.4	2.0	LOST HORSE MTN
25	10	37	30.4	33	33.6	115	59.1	B	2.5	12.5	COTTONWOOD SPRING
25	10	46	46.0	33	35.6	115	57.9	B	2.5	3.5	COTTONWOOD SPRING
25	15	25	14.8	33	46.5	116	12.1	A	3.1	1.8	LOST HORSE MTN
26	6	37	28.4	33	59.4	115	57.8	A	2.5	10.6	BANNING
27	3	10	35.7	35	53.1	117	41.0	B	2.6	8.0	MOUNTAIN SPRINGS CANYON
27	9	42	1.6	33	4.1	115	43.4	B	2.4	8.0	CALIPATRIA
27	21	21	9.0	35	10.1	118	28.5	D	1.9	6.0	TEHACHAPI
27	22	29	54.7	35	38.9	118	19.6	C	1.9	8.0	ISABELLA
29	4	53	9.7	33	47.3	116	56.0	B	2.7	12.8	BANNING
29	15	35	35.4	31	37.5	115	45.2	D	3.2	8.0	SIERRA JUAREZ SE
29	16	15	8.7	33	39.1	116	51.8	B	2.2	16.6	HEMET
29	18	35	53.7	34	49.3	116	44.0	D	1.8	8.0	NEWBERRY
29	18	44	34.8	34	50.6	116	41.5	B	2.1	4.4	NEWBERRY
29	23	47	13.0	33	26.3	116	27.0	B	2.3	15.1	CLARK LAKE

A-60

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, OCT, 1974

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE		
1	1	7	17.7	35	1.1	117 39.7	B	2.1	3.5	BORON	
1	1	8	12.9	35	0.7	117 39.9	B	1.9	3.0	BORON	
1	6	46	18.8	33	12.7	116 14.0	A	3.2	8.4	BORREGO MTN	
1	16	40	2.8	33	14.5	116 15.1	B	2.4	4.3	BORREGO	
2	21	53	45.1	31	39.9	115 56.7	D	3.1	8.0	SIERRA JUAREZ SE	M
3	7	1	3.4	35	34.3	118 20.3	C	1.8	8.0	ISABELLA	
4	0	34	5.6	36	19.8	120 5.4	D	3.4	8.0	DELTA FARMS	*
4	0	38	16.3	34	44.9	116 24.3	B	2.5	2.0	LAVIC	
4	0	58	52.3	33	47.4	116 5.3	B	2.7	4.4	LOST HORSE MTN	
4	9	40	6.1	31	57.3	115 46.3	D	2.8	12.1	SIERRA JUAREZ SE	M
4	17	43	10.3	35	54.4	117 14.6	B	3.0	1.6	MANLY PEAK	
5	4	58	36.6	33	25.8	116 31.6	B	2.1	10.7	WARNER SPRINGS	
5	12	15	54.6	35	57.1	117 47.4	B	2.3	8.0	LITTLE LAKE	
5	12	31	25.5	34	24.7	116 51.5	A	2.0	4.7	LUCERNE VALLEY	
8	0	56	6.4	34	4.6	118 51.8	B	3.8	10.7	TRIUNFO PASS	
FELT VENTURA MALIBU CAMARILLO											
8	13	23	52.0	34	21.6	118 24.3	B	2.7	13.0	SAN FERNANDO	
9	16	9	5.5	33	5.3	115 34.2	B	2.7	11.9	CALIPATRIA	
10	3	34	44.5	34	32.4	118 8.9	B	2.2	5.7	LANCASTER	
11	12	4	46.2	35	20.3	118 38.3	B	2.4	1.7	BRECKENRIDGE MTN	
11	13	21	31.1	33	13.4	116 5.9	B	3.1	11.5	BORREGO MTN	
12	6	42	35.0	34	12.3	116 34.7	B	2.4	5.1	MORONGO VALLEY	
12	9	54	58.1	34	3.0	118 57.6	B	3.3	11.8	TRIUNFO PASS	
FELT SULROMAR											
12	12	21	26.1	33	42.4	116 52.1	B	2.9	16.9	HEMET	
FELT HEMET											
12	20	20	44.3	34	12.4	116 34.5	A	2.9	5.1	MORONGO VALLEY	
14	17	33	0.1	34	14.8	117 9.4	A	3.2	3.4	REDLANDS	
FELT ARROWHEAD											
14	18	11	13.2	34	14.8	117 10.0	A	2.7	2.4	REDLANDS	
16	3	16	50.6	34	27.3	118 23.6	A	2.7	11.2	SAN FERNANDO	
16	9	51	25.1	32	49.8	117 39.4	B	2.9	21.3	SAN DIEGO TROUGH	
16	10	21	15.0	33	41.4	116 43.6	B	2.0	8.0	LOYLLWILD	
16	21	58	49.7	35	38.5	118 19.4	B	2.9	8.0	ISABELLA	
16	23	42	5.3	34	44.9	116 25.8	B	2.7	2.9	LAVIC	
16	23	49	39.3	31	29.9	114 28.1	D	2.9	8.0	GOLFO DE CALIFORNIA	M
17	11	4	7.9	35	33.1	118 17.0	B	1.8	8.0	ISABELLA	
17	22	57	2.0	32	21.9	115 8.9	D	2.7	16.3	SIERRA CUCAPA	M
18	3	30	29.1	31	40.4	115 32.1	D	4.3	11.9	SIERRA JUAREZ SE	M
18	15	13	45.1	33	19.0	116 22.2	A	2.5	3.3	CLARK LAKE	
18	18	39	30.7	31	30.9	115 36.5	D	3.5	8.0	SIERRA JUAREZ SE	M
20	3	44	14.2	33	1.6	115 37.5	B	2.7	3.7	CALIPATRIA	
20	18	26	5.6	32	50.8	115 24.8	C	2.7	8.0	HOLTVILLE	
22	5	15	37.7	36	23.4	118 6.6	C	2.9	1.8	OLANCHA	
22	12	13	39.1	33	59.1	118 21.9	B	3.1	10.1	REDONDO	
FELT WEST LOS ANGELES											
22	12	33	35.5	33	58.7	118 22.3	B	1.9	8.0	REDONDO	
23	13	3	57.5	33	28.9	116 51.8	C	1.8	11.4	PALOMAR MTN	
24	3	54	53.2	35	55.2	117 14.3	B	2.8	4.6	MANLY PEAK	
25	0	38	50.2	35	2.2	117 44.1	C	2.1	3.1	BURON	
25	13	29	52.7	33	1.0	115 36.6	B	3.4	15.6	CALIPATRIA	
FELT IMPERIAL VALLEY											

A-61

A-61

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, OCT, 1974

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE			
25	18	5	54.1	34	59.9	118	52.5	B	3.0	15.9	TEJON PASS	
26	0	4	44.4	35	21.2	118	31.4	B	2.9	7.4	BRECKENRIDGE MTN	
26	3	33	18.4	31	7.0	115	46.9	D	3.2	4.2	VALLE TRINIDAD	M
28	9	12	6.9	35	47.1	118	22.7	B	3.5	8.0	KERNVILLE	
											FELT KERNVILLE	
28	9	33	34.3	35	42.8	118	24.9	B	2.5	4.3	ISABELLA	
29	10	53	51.7	34	1.2	116	47.4	A	3.0	20.1	SAN GORGONIO MTN	
30	13	19	21.5	34	22.9	118	25.7	B	2.2	13.2	SAN FERNANDO	
31	15	46	23.3	33	7.2	118	34.3	B	3.0	24.0	SAN CLEMENTE I NW	
31	23	45	8.8	34	4.6	117	49.0	B	2.0	15.5	FUNTANA	

NOV, 1974

1	3	31	49.2	34	26.4	118	25.0	B	2.0	10.5	SAN FERNANDO	
1	6	14	46.4	34	10.9	117	25.8	B	2.0	8.0	SAN BERNARDINO	
1	11	23	5.6	32	47.4	115	27.8	B	2.5	8.9	HOLTVILLE	
1	14	24	33.5	33	39.9	116	46.8	B	1.6	3.8	HEMET	
2	17	2	8.1	34	25.6	116	46.0	B	2.9	1.9	LUCERNE VALLEY	
6	0	38	27.7	34	11.7	118	10.0	B	3.0	1.0	PASADENA	
											FELT PASADENA	
6	9	26	20.6	32	59.5	116	17.0	B	2.5	9.8	MT LAGUNA	
7	10	52	54.1	31	50.4	116	7.7	D	2.5	4.1	SANTO TOMAS	M
9	10	10	35.8	33	34.9	116	39.0	A	3.2	14.3	IDYLLWILD	
											FELT PALM SPRINGS	
9	10	12	57.9	33	34.5	116	39.3	A	3.3	19.1	IDYLLWILD	
											FELT PALM SPRINGS	
11	14	16	51.5	33	16.2	116	0.3	A	2.5	8.0	RABBIT PEAK	
11	23	12	19.7	36	20.2	120	29.4	D	3.3	8.0	JOAQUIN ROCKS	*
12	6	57	49.8	34	1.0	117	37.7	A	2.5	3.0	ONTARIO	
12	9	14	52.6	34	24.4	118	25.0	B	2.3	7.9	SAN FERNANDO	
											FELT SAN FERNANDO	
12	20	53	31.9	34	14.4	117	59.7	C	1.8	11.1	FUNTANA	
12	22	49	5.1	36	22.8	120	5.5	C	3.1	3.5	DELTA FARMS	*
13	11	24	31.6	34	18.5	118	28.6	B	2.0	0.8	SAN FERNANDO	
14	16	20	41.1	37	44.1	117	59.6	D	4.0	8.0	PIPER PEAK	N
16	6	41	5.3	34	9.7	117	20.2	B	2.4	6.6	SAN BERNARDINO	
16	7	39	9.3	31	9.8	114	21.8	D	4.1	8.0	GULFO DE CALIFORNIA	M
17	3	47	21.5	34	23.3	119	46.4	C	2.1	29.4	GOLETA	
17	5	10	42.2	32	10.3	115	2.7	D	3.0	8.0	SIERRA CUCAPA	M
17	12	6	59.3	33	14.3	116	17.4	B	3.0	12.7	BURREGO	
18	2	4	53.5	37	30.3	118	44.7	D	3.8	1.7	CASA DIABLO MTN	
18	6	43	52.0	35	41.0	117	34.5	B	3.2	7.1	RIDGECREST	
											FELT RIDGECREST	
18	9	59	29.7	34	53.5	118	25.7	B	3.5	6.1	WILLOW SPRINGS	
18	14	27	54.2	37	40.3	117	48.0	D	3.2	8.0	PIPER PEAK	N
18	14	46	37.0	33	37.9	116	43.3	B	2.0	4.5	IDYLLWILD	
20	23	49	38.3	35	45.5	118	1.2	B	3.3	3.8	LAMONT PEAK	
21	2	7	40.5	35	46.9	118	2.1	B	2.4	7.0	LAMONT PEAK	
21	11	1	39.8	37	13.7	118	11.9	D	2.7	8.0	WAUCOBA MTN	
21	12	36	14.5	37	21.9	118	29.8	D	2.6	3.4	BISHOP	
21	12	55	16.3	37	29.0	118	22.7	B	2.6	11.2	BISHOP	

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, NOV, 1974

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE		
21	16	26	24.9	37	29.3	118	9.0	D	2.6	8.0	BLANCO MTN
21	19	2	34.4	34	10.7	116	36.8	A	3.3	6.3	MORONGO VALLEY
22	13	58	33.7	34	9.7	117	20.5	A	2.3	8.0	SAN BERNARDINO
23	0	57	28.1	32	8.7	115	47.8	C	3.1	19.6	LAGUNA SALADA
25	3	50	41.3	33	30.6	116	33.3	B	3.4	8.0	IOYLLWILD
FELT BANNING HEMET											
26	1	26	38.9	31	6.0	115	18.8	D	3.6	8.0	VALLE SAN FELIPE
26	1	29	10.7	32	9.3	115	32.9	C	3.1	17.6	LAGUNA SALADA
26	10	38	21.1	32	0.0	115	48.5	D	2.8	8.1	LAGUNA SALADA
27	4	11	5.4	35	46.1	118	3.0	B	2.9	8.0	LAMONT PEAK
28	10	23	54.1	32	34.1	115	15.7	B	2.6	21.6	CALEXICO
28	23	7	59.1	34	14.9	116	47.3	A	3.2	8.0	SAN GORGONIO MTN
FELT BIG BEAR											
29	18	22	13.0	31	20.5	115	41.2	D	3.4	8.0	VALLE TRINIDAD
30	16	18	41.4	34	4.6	117	30.8	A	2.5	8.0	ONTARIO
30	20	10	20.2	33	21.3	116	43.7	B	2.9	18.0	WARNER SPRINGS

DEC, 1974

1	10	1	1.8	33	24.6	116	27.0	B	2.1	8.0	CLARK LAKE
1	11	28	38.5	34	25.1	118	34.9	B	2.8	0.8	SANTA SUSANA
5	9	32	40.1	36	3.5	120	51.6	B	3.1	13.8	SAN ARDO
5	15	3	43.0	33	28.5	118	15.4	B	2.6	8.0	SANTA CATALINA EAST
5	20	39	20.0	33	5.8	116	34.1	B	3.1	12.5	SANTA YSABEL
6	12	13	8.3	32	42.5	115	23.5	B	4.5	24.3	CALEXICO
											FELT CALEXICO
6	12	19	3.4	32	42.4	115	23.0	B	2.4	18.2	CALEXICO
6	12	20	37.1	32	42.8	115	23.3	B	2.4	16.2	CALEXICO
6	12	39	1.0	32	47.9	115	26.3	C	2.2	20.1	HOLTVILLE
6	13	45	13.3	34	6.0	118	15.0	B	3.5	11.3	PASADENA
											FELT NORTHEAST LOS ANGELES COUNTY
6	15	34	2.5	35	50.2	120	20.7	D	2.9	8.0	PARKFIELD
7	3	4	23.2	32	43.3	115	24.4	B	2.5	16.5	CALEXICO
7	6	18	2.5	34	10.7	117	37.5	A	2.9	0.2	ONTARIO
7	10	8	30.6	37	8.4	117	55.1	B	3.4	6.1	WAUCOBA SPRING
7	21	54	13.2	34	18.0	117	7.7	A	2.8	8.0	LAKE ARROWHEAD
8	15	21	30.3	32	53.1	115	35.0	B	2.5	12.6	BRAWLEY
10	10	8	47.9	32	42.2	115	23.2	B	2.8	26.8	CALEXICO
11	14	51	49.9	32	48.3	115	25.6	C	2.4	14.1	HOLTVILLE
11	14	53	35.8	32	46.1	115	25.2	B	2.6	16.2	HOLTVILLE
11	14	55	7.6	32	46.4	115	25.9	B	2.7	16.0	HOLTVILLE
11	15	50	22.0	32	46.9	115	26.3	B	2.4	16.4	HOLTVILLE
11	15	54	33.1	32	47.6	115	26.3	C	2.4	15.3	HOLTVILLE
12	19	34	33.2	35	45.0	118	27.6	C	2.1	1.6	ISABELLA
13	7	20	3.2	32	27.6	115	10.7	C	2.6	17.7	SIERRA CUCAPA
13	7	28	9.2	32	24.3	115	11.6	C	2.7	17.0	SIERRA CUCAPA
13	17	35	36.1	33	1.8	115	45.5	B	2.7	4.6	KANE SPRING
13	22	48	27.4	35	3.6	118	19.4	B	2.5	0.8	TEHACHAPI
14	4	1	22.4	32	44.1	117	24.4	B	3.1	8.0	SAN DIEGO OFFSHORE
14	13	1	26.8	34	1.0	116	44.3	A	2.9	10.9	MORONGO VALLEY
14	21	39	42.3	35	36.8	118	20.8	C	1.8	4.7	ISABELLA

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, DEC, 1974

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE	
14	22	40	7.0	36 34.8	116 38.0	D	2.2	0.5	BIG DUNE	N
14	23	35	16.4	32 59.7	116 16.9	B	2.5	10.1	MT LAGUNA	
15	0	19	47.4	31 55.3	116 7.9	C	3.0	25.8	SANTO TOMAS	M
15	9	47	7.4	31 23.6	115 55.0	D	3.1	8.0	VALLE TRINIDAD	M
15	16	11	53.7	31 54.1	116 15.2	D	2.7	8.0	SANTO TOMAS	M
17	4	11	18.5	32 16.4	115 3.8	C	2.7	9.9	SIERRA CUCAPA	M
17	4	29	42.2	31 36.3	115 25.1	D	3.2	12.6	SIERRA TINAJA	M
17	15	48	46.4	31 2.0	115 11.4	D	3.1	8.0	VALLE SAN FELIPE	M
17	16	52	56.9	35 25.3	117 46.0	B	2.6	6.9	SALDALE	
17	17	16	23.6	32 12.1	115 30.5	C	3.2	15.9	LAGUNA SALADA	M
19	12	36	16.9	34 4.4	118 4.8	A	3.5	9.3	PASADENA	
				FELT SAN GABRIEL VALLEY						
19	12	39	50.5	34 4.3	118 5.0	A	3.2	8.0	PASADENA	
				FELT SAN GABRIEL VALLEY						
19	15	15	19.8	34 4.5	118 5.7	A	1.6	5.0	PASADENA	
19	15	31	11.9	34 4.6	118 5.5	A	1.9	8.0	PASADENA	
20	14	23	20.0	34 6.8	118 48.3	B	2.4	15.6	TRIUNFO PASS	
22	15	16	31.3	32 44.1	117 6.9	B	2.3	12.8	SAN DIEGO	
23	20	51	41.0	33 59.0	116 22.3	A	3.1	8.0	THOUSAND PALMS	
24	2	54	43.4	32 43.3	115 27.5	C	2.4	13.0	CALEXICO	
25	8	31	27.5	32 24.9	115 12.5	C	2.8	8.0	SIERRA CUCAPA	M
25	15	55	52.3	33 41.1	116 42.5	B	2.7	14.5	IDYLLWILD	
25	17	14	9.5	32 24.0	115 12.7	D	2.5	8.0	SIERRA CUCAPA	M
26	1	38	56.3	35 24.0	118 36.6	B	2.8	3.5	BRECKENRIDGE MTN	
26	4	5	9.0	34 22.5	118 25.3	A	1.7	9.5	SAN FERNANDO	
27	1	13	42.3	32 27.9	115 13.4	C	2.6	8.0	SIERRA CUCAPA	M
27	3	43	19.9	32 6.4	116 20.6	C	2.5	8.0	SIERRA JUAREZ NW	M
27	4	49	45.9	36 58.3	116 9.3	D	3.4	8.0	CANE SPRING	* N
27	12	18	46.5	34 16.3	120 3.2	C	2.6	8.8	GAVIOTA	
29	12	7	4.8	31 6.6	115 52.4	D	4.0	8.0	VALLE TRINIDAD	M
30	13	12	24.4	31 12.3	115 44.8	D	4.4	8.0	VALLE TRINIDAD	M

AD-A054 228

CALIFORNIA INST OF TECH PASADENA SEISMOLOGICAL LAB

F/6 8/11

SEISMICITY OF THE SOUTHERN CALIFORNIA REGION 1 JANUARY 1972 TO --ETC(U)
1976 M E FRIEDMAN, J H WHITCOMB, C R ALLEN

UNCLASSIFIED

NL

2 of 2
AD
A054228



END
DATE
FILMED
6 -78
DDC

A-1

B-1

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION OF MAGNITUDE 5.0 OR GREATER
- 1972 THROUGH 1974 -

YEAR	MO	DA	H	M	S	LAT-N	LONG-W	Q	MAG	DEPTH	S	QUADRANGLE
1973	2	21	14	45	57.3	34	3.9 119	2.1 B	5.9	8.0	R	HUENEME
1973	8	6	23	29	17.0	33	59.2 119	28.5 A	5.0	16.9		ANACAPA I SCUTH